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Project: INCLUSIVITY & ACCESSIBILITY OF HISTORIC PUBLIC SPACES - APPROACH &
DIGITAL TOOL

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KYIV NATIONAL UNIVERSITY
OF CONSTRUCTION AND ARCHITECTURE

MASTER'S DEGREE

Department ADCBS

"Approved"

Head of the Faculty's Academic Council/

/Oleksandr KASHCHENKO/

"_20_" __02__ 2026

WORK PROGRAMME FOR THE EDUCATIONAL COMPONENT

EC.10. INCLUSIVITY AND ACCESSIBILITY OF HISTORICAL PUBLIC SPACES

(code for the name of the educational component)

Code	Name of speciality, educational programme
G17	Architecture and Town Planning
	educational and research programme
	Architecture of Buildings and Structures

Language of instruction: Ukrainian/English

Developers:

V.V. KUTSEVICH, Doctor of Architecture, Professor,

T.O. KASCHENKO, PhD., Associate Professor,

L.Y. BRIDNIA, PhD Architecture, Associate Professor,

(surname and initials, academic degree, title)

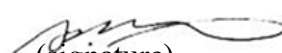
(signatures)

<https://af.knuba.edu.ua/kucevich-vadim-volodimirovich/>

The work programme was approved at a meeting of the Department of ADCBS

No. 16, 12/02/2026

Head of Department _____


(signature)

/ Vadym KUTSEVYCH /

Approved by the programme guarantor

Programme guarantor


(signature)

/ Helena KOVALSKA /

Considered at a meeting of the scientific and methodological committee. No. 5, 21/02/2026

EXTRACT FROM THE CURRICULUM

YEAR OF ENTRY 2025/2026

Code	Name of specialisation, educational programme	Mode of study: full-time											Assessment method	Semester	Approval by the Deputy Dean of the Faculty		
3.0	VK 10	90	24	16	8	66	Number of ECTS credits	Number of hours			Number of individual assignments						
								Total	Classroom							Independent work	
									Total	Lectures	Laboratory	practical					CP
G17	VK 10	3.0	90	24	16		8	66			1		1	1			

ABSTRACT. AIMS AND OBJECTIVES OF THE EDUCATIONAL COMPONENT

Prerequisites: architectural design, theory and history of architecture at Bachelor of Architecture level, fundamentals of typological analysis

Link to the page of the electronic teaching and learning resource of the discipline: <https://org2.knuba.edu.ua/enrol/index.php?id=1746>

Objective: to equip students with theoretical knowledge and practical skills regarding the principles of inclusive design and ensuring the accessibility of historic public spaces, taking into account the needs of different population groups and the requirements for the preservation of cultural heritage.

COMPETENCIES OF STUDENTS ON THE PROGRAMME, DEVELOPED THROUGH THE COMPLETION OF THE EDUCATIONAL COMPONENT

Code	Content of the competence
Integrated competence	
IC*	Ability to solve research and/or innovation-related problems in the field of architecture and urban planning
General competences	
GC01.*	Ability to think abstractly, analyse and synthesise.
GC04.*	Ability to use information and communication technologies.
GC05.*	Commitment to environmental conservation.
SK07.*	Knowledge and understanding of the subject area and understanding of professional practice.
Professional competences	
sPC01	Ability to analyse the architectural and spatial organisation of historic public spaces, taking into account the principles of inclusivity and accessibility.
sPC 02	Ability to apply the principles of inclusive design in the development and modernisation of public spaces in historic cities.
sPC 03	The ability to identify and assess accessibility barriers in the urban environment for different user groups.
sPC 04	The ability to develop design proposals to enhance the inclusivity and accessibility of historic public spaces, taking into account cultural heritage conservation requirements.
sPC 05	Ability to take into account the social, cultural, age-related and physical needs of users in the process of architectural and urban planning.
PC 01.*	The ability to integrate knowledge and solve complex architectural and urban planning problems in broad or multidisciplinary contexts.
PC 02.*	The ability to solve architectural and urban planning problems in new or unfamiliar environments with incomplete or limited information, taking into account aspects of social and ethical responsibility.

PC 03.*	The ability to analyse, develop and implement architectural and urban planning solutions, taking into account socio-demographic, national and ethnic, natural and climatic, and engineering and technical factors, as well as health and hygiene, safety, energy-saving, environmental and technical-economic requirements.
PC 06.*	The ability to analyse international and domestic experience, and to collect, accumulate and utilise the information necessary to solve research and innovation-related tasks in the field of architecture and urban planning.
PC 07.*	Ability to carry out design modelling and research into conceptual, physical and computer models of architectural and urban planning objects.
PC 12.*	Ability to analyse and utilise information regarding legislative documents, state building codes and regulations in architectural and urban planning activities.

** General and specific competences – in accordance with the Higher Education Standard for speciality G17 ‘Architecture and Urban Planning’ (III – Master’s level) of Ukraine, which are reinforced as a result of studying this educational component.*

**THE LEARNING OUTCOMES OF STUDENTS ON THE PROGRAMME,
WHICH ARE FORMED AS A RESULT OF MASTERING THE EDUCATIONAL
COMPONENT**

Code	Programme outcomes
sPO 01.	To analyse historical public spaces from the perspective of inclusivity, accessibility and barrier-free urban environments.
sPO 02.	Identify architectural, functional and socio-cultural barriers in public spaces in historic cities.
sPO 03.	Apply the principles of inclusive design when developing and modernising public spaces.
sPO 04.	Develop conceptual proposals for improving the accessibility of historic public spaces, taking into account the needs of different user groups.
sPO 05.	Justify design solutions that combine the principles of inclusivity with the requirements for the preservation of cultural heritage.
PO 01.	Possess specialised conceptual knowledge, including contemporary scientific achievements in the field of architecture and urban planning, which forms the basis for original thinking and conducting research.
PO 03.	Conduct pre-design analysis of architectural and urban planning objects and territories.
PO 04.	Understand and apply in practice the theoretical and practical principles of designing innovative urban planning projects, residential, public and industrial buildings and structures, as well as the reconstruction and restoration of architectural objects, methods for achieving rational architectural and planning, spatial, and structural solutions, ensuring socio-economic efficiency, environmental sustainability, and energy efficiency.

PO 07.	Carry out design modelling, select digital technologies and software tools to solve research and innovation-related tasks, develop and implement projects in the field of architecture and urban planning, prepare relevant scientific and technical documentation, and produce models and visual illustrative materials.
PO 12.	Understand and apply in practice the legislation and regulatory framework governing research and the development of architectural and urban planning projects.
PO 15.	Analyse international and domestic experience in the design of architectural and urban planning projects.

** Learning outcomes – in accordance with the Higher Education Standard for speciality G17 'Architecture and Urban Planning' (III – Master's level) of Ukraine, which are reinforced as a result of studying this educational component.*

COURSE CONTENT:

LECTURES:

Topic 1. *Introduction: General definition of inclusivity and accessibility*

(2 hours)

- International framework agreement on inclusivity and cultural heritage.
- The impact of the built environment on people's lives.
- Definition of the concept of inclusivity.
- Definition of (physical) accessibility.
- Questions and answers.

Topic 2. *Designing for people: understanding people's needs*

(2 hours)

- Real people: from the concept of disability to promoting diversity.
- The structure of physical needs (user movement and the use of physical facilities).
- The structure of sensory and cognitive needs (localisation, orientation, communication, information interactions).
- Barriers to inclusivity (architectural barriers, cultural barriers).
- Questions and answers.

Topic 3. *Inclusive design: approaches and tools PART 1*

(2 hours)

- Inclusive design methodologies: objectives and general approach.
- Environmental inclusivity.
- Functional accessibility.
- Physical accessibility.

- Age-related inclusivity.
- Questions and answers.

Topic 4. *Inclusive design: approaches and tools PART 2*

(2 hours)

- Intangible aspects of inclusive design: objectives and general approach.
- Social and cultural inclusivity / Language inclusivity.
- Gender inclusivity.
- Economic inclusivity.
- Digital inclusivity.
- Questions and answers.

Topic 5. *Historic cities: between inclusivity and preservation*

(2 hours)

- Inclusivity/conservation: a possible combination.
- Inclusivity/cultural heritage: a mutually enriching relationship (identity, viability, safety, integration).
- Historic cities. Barriers to inclusivity.
- Questions and answers.

Topic 6. *Strategies for inclusive historic public spaces*

(2 hours)

- Principle of accessibility to cultural heritage 1: Equality.
- Principle of cultural heritage accessibility 2: Autonomy.
- Principle of cultural heritage accessibility 3: Safety.
- Stakeholders in inclusive design processes.
- A new model of inclusive governance (context observation and analysis, communication and stakeholder engagement, co-design, implementation, evaluation).
- Questions and answers.

Topic 7. *European experience of inclusive design in historic cities.*

(2 hours)

- Best practices in social inclusivity of historic spaces (Italy, Spain, Poland).
- Examples of organising historic spaces from the perspective of physical accessibility. Best practices. (Italy, Spain, Poland).
- Discussion.
- Questions and answers.

Topic 8. *Domestic experience of inclusive design in historic cities.*

(2 hours)

- Best practices for the inclusive organisation of historical sites in Ukraine (Kyiv, Lviv, other cities in Ukraine).
- Examples of ensuring physical accessibility of historical sites in Ukraine. (Kyiv, Lviv, other cities in Ukraine).
- Discussion.
- Questions and answers.

CONCLUSIONS.

PRACTICAL SESSIONS:

Session 1. *Analysis of the inclusivity of historical public spaces*

(4 hours)

- analysis of examples of historic public spaces (Lublin city centre, Poland; digital platform);
- identification of architectural, sensory and socio-cultural accessibility barriers;
- assessment of the environment's accessibility for different user groups (people with reduced mobility, older people, people with disabilities, parents with children);
- application of inclusive design principles to assess the space;
- preparation of a diagram or table analysing the inclusivity of the selected space.

Session 2. *Presentation of the results of the individual assignment by participants*

(4 hours)

INDIVIDUAL ASSIGNMENT:

***Analysis of the inclusivity and accessibility of a historic public space
(based on the digital platform 'Historical Centre of Lublin, Poland')***

FORMAT:

analytical report (5–8 pages) + presentation.

STAGES OF WORK:

- Brief description of the space (location, historical value, functions).
- Analysis of the space's users (various population groups).
- Identification of accessibility barriers (architectural, sensory, informational, social).
- Assessment of compliance with the principles of inclusive design.

- Development of proposals to improve the inclusivity and accessibility of the space, taking into account the preservation of cultural heritage.

DISTRIBUTION OF HOURS OF INDEPENDENT STUDY FOR STUDENTS:

1. Study of theoretical material and literature on lecture topics.

(30 hours)

2. Preparation for practical sessions (analysis of examples of inclusive public spaces).

(10 hours)

3. Completion of an individual assignment (analysis of the inclusivity of a historic public space and development of proposals).

(20 hours)

4. Preparation for the final assessment.

(6 hours)

METHODS OF ASSESSMENT AND EVALUATION

Formative assessment: oral questioning, participation in class discussions, checking the completion of practical tasks.

Assessment of independent work: evaluation of an individual assignment (analysis of the inclusivity of historical public space).

Final assessment: assessment.

ACADEMIC INTEGRITY POLICY

Students must adhere to the principles of academic integrity as stipulated by Ukrainian legislation and the internal regulations of the higher education institution. Plagiarism, copying others' work, fabrication or falsification of results are not permitted when completing individual assignments, practical work and preparing for the final assessment. All sources of information used must be properly cited. In the event of violations of academic integrity, the results of the work may be annulled in accordance with established rules.

CRITERIA FOR ASSESSING LEARNING OUTCOMES

Assessment is carried out on a 100-point scale

Type of work	Number of marks
Class participation, involvement in discussions	10
Completion of practical tasks	20
Completion of individual assignment (analysis of the inclusivity of historical public space)	50
Final assessment (test)	20
Total	100

TEACHING RESOURCES

Study guide:

1. Kutsevych, V., Bridnia, L., Kashchenko, T. et al. Inclusivity of Historic Public Spaces: An Approach to Accessibility and Digital Tools: An Academic Guide / Erasmus+ Project 'Inclusivity and Accessibility of Historic Public Spaces'. — Kyiv: Kyiv National University of Construction and Architecture, 2026.

Information resources:

1. <http://library.knuba.edu.ua/>
2. <http://org2.knuba.edu.ua>

REFERENCES:

1. Council of Europe. (2025). Regulations on public space in ____ local authority and the participation of local residents in its planning [Draft]. Council of Europe project 'Promoting citizen participation in the democratic decision-making process in Ukraine'. URL: <https://rm.coe.int/regulation-on-citizens-engagement-in-public-spaces-development-ukr/1680a08064>
2. DBN V.2.2-40:2018. Inclusivity of buildings and structures. Kyiv: Ministry of Regional Development of Ukraine, 2018. 72 pp.
3. Urban heritage for resilience: consolidated results of the implementation of the 2011 Recommendation on the Historic Urban Landscape; 3rd Member States Consultation Corporate author: UNESCO [8224] DOI: <https://doi.org/10.58337/CFZO9650>
4. European Commission EU Policy on the Urban Environment, <https://ec.europa.eu/environment/urban/egc.htm> , 2012
6. European Commission, *Copenhagen, Green cities fit for life*, <http://ec.europa.eu/environment/europeangreencapital/winning-cities/2014-copenhagen/> , 2014

7. CEN/CLC JTC 11. (2021). EN 17210:2021 Accessibility and usability of the built environment – Functional requirements. European Committee for Standardization.
<https://www.cencenelec.eu/news-events/news/2021/eninthepotlight/2021-03-18-en-17210-2021-accessible-and-usable-built-environment/>
8. Accessibility Handbook. Ed. O. Zelenska. Kyiv: NGO ‘Barrier-Free’, 2021. 256 pp.
9. Cohen-Shacham, E., Walters, G., C. Janzen, Maginnis, Editors: Nature-based Solutions to address global societal challenges. International Union for Conservation of Nature (IUCN). Gland, Switzerland, 2016
10. Kostof, Spiro, The City Shaped: Urban Patterns and Meanings Through History. New York, Bulfinch Press, 2014
11. Guidelines of the General Conservator of Monuments Development of market spaces
DOZ.6521.26.2019
12. National Strategy for the Creation of Barrier-Free Spaces in Ukraine for the Period up to 2030. Order of the Cabinet of Ministers of Ukraine No. 366-r of 14 April 2021
13. Council of Europe. (2025). Regulations on public space in ____ local community and the participation of community residents in its planning [Draft]. Council of Europe project ‘Promoting citizen participation in the democratic decision-making process in Ukraine’.
URL: <https://rm.coe.int/regulation-on-citizens-engagement-in-public-spaces-development-ukr/1680a08064>.
14. Kutsevych V., Marysyk T., Korotun I. et al. Theoretical and Practical Foundations of Restoration. Textbook. Edited by Honoured Architect of Ukraine, Doctor of Architecture, Professor V.V. Kutsevych. Chernivtsi: Yuriy Fedkovych National University of Chernivtsi, 2024. pp. 83–85.

FURTHER READING:

1. Kutsevych V.V. Architectural and planning solutions for civil facilities for people with reduced mobility. Kyiv: KNUBA, 2017. 198 pp.
2. Bolund P., Hunhammar S., Ecosystem services in urban areas, Ecological Economics, Volume 29, Issue 2, pp. 293–301, 1999
3. Zdetovetska N. O., Kovalskaya O. E. Adaptation and preservation of architectural heritage: issues of effective use. Theory and Practice of Design, Kyiv, 2023. Issue 27. pp. 263–277.
4. National Strategy for the Creation of a Barrier-Free Environment in Ukraine for the Period up to 2030. Order of the Cabinet of Ministers of Ukraine No. 366-r of 14 April 2021.
5. Hoblyk A: Transformation of urban space, tasks and methods of study, Space and Form, 2013.
6. Kutsevych V.V. Issues of establishing urban planning conditions during the restoration of historic sacred buildings and structures. Experience and prospects for the development of Ukrainian cities. Collection of scientific papers. Kyiv: Dipromisto, 2016. Issue 31. pp. 52–58.
7. Sosnova N. S. Theoretical foundations and methods of organising public space in historic cities: PhD thesis in Architecture: 18.00.01. Lviv National Academy of Arts, Lviv, 2021. 432 pp.

8. Oliinyk, O. (2020). Open urban space as an object of cultural heritage: methods of identification and preservation. *Contemporary Issues in Architecture and Urban Planning*, (58), 178–191.
<https://doi.org/10.32347/2077-3455.2020.58.178-191>.
9. Fomin, I. A., 1997. *Fundamentals of urban planning theory*. Kyiv: Naukova Dumka, 1997.
10. Bevz, M. V., 2007. The Historic City as an Object of Preservation and Regeneration. *Problems of the Theory and History of Architecture in Ukraine. Collection of Scientific Papers of the AHI OGAS*, 7, pp. 105–119.
11. Kutsevykh, V. V., Bridnya, L. Yu., & Rogozhnikova, O. Ye. *Regulatory and Methodological Foundations of Architectural Design of Public Buildings and Structures: A Study Guide for Students of the Specialisation 'Architecture of Buildings and Structures'*. Kyiv: KNUBA. – 2016.
12. Ruiz-Rodrigo, A., Morales, E., Lakoud, M., Riendeau, J., Lemay, M., Savaria, A., Mathieu, S., Feillou, I., & Routhier, F. (2024). Experiencing accessibility of historical heritage places with individuals living with visible and invisible disabilities. *Frontiers in Rehabilitation Sciences*, 5.
<https://doi.org/10.3389/fresc.2024.1379139>