MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Odesa state academy of civil engineering and architecture

APPROVED cector . A. KOVROV 2022

EDUCATIONAL AND SCIENTIFIC PROGRAMME

Architecture of buildings and structures second (master's) level of higher education in the speciality 191 Architecture and urban planning fields of knowledge 19 Architecture and construction Qualification: Master of Architecture and Urban Planning

> APPROVED By the Academic Council of the Odesa State Academy of Civil Engineering and Architectur Protocol 11 of 26.05.2022

INTRODUCTION

1. DEVELOPED BY

The educational and scientific programme Architecture of Buildings and Structures in the specialty 191 Architecture and Urban Planning for the second (master's) level of higher education was developed in accordance with the Standard of Higher Education of the second (master's) level in the specialty 191 Architecture and Urban Planning, field of knowledge 19 Architecture and Construction, 2022, by the working group of the Odesa State Academy of Civil Engineering and Architecture:

Yaremenko Irina	Candidate of Architecture, Professor of the Department of Architecture of Buildings and Structures at the Odesa State Academy of Civil Engineering and Architecture, guarantor of the EP, Team Leader
Kharitonova Alina	Candidate of Architecture, Associate Professor of the Department of Architecture of Buildings and Structures at the Odesa State Academy of Civil Engineering and Architecture
Malashenkova Victoria	PhD in Architecture, Associate Professor of the Department of Architecture of Buildings and Structures at the Odesa State Academy of Civil Engineering and Architecture
Dunaevsky Yevhen	postgraduate student, assistant professor of the Department of Architecture of Buildings and Structures at the Odesa State Academy of Civil Engineering and Architecture
Kravtsov Dmitriy	PhD in Architecture, Assistant Professor of the Department of Architecture of Buildings and Structures at the Odesa State Academy of Civil Engineering and Architecture
Bazan Mykola	Director, Chif Architect of the design and construction firm Master Group LLC, member of the National Union of Architects of Ukraine, stakeholder

2. APPROVED AND ENTERED INTO FORCE

By the Academic Council of the Odesa State Academy of Civil Engineering and Architecture, Protocol 11 of 26.05. 2022

3. IMPLEMENTED from 01 September 2022

to replace the Educational and Scientific Programme Architecture of Buildings and Structures, speciality 191 Architecture and Urban Planning for the second (master's) level of higher education, approved by the Academic Council of the Academy in 2021, Minutes No. 7 of 29.04.2021.

4. INFORMATION ON ACCREDITATION

Certificate of accreditation of the educational programme A4396, valid until 01.07.2028.

speciality 191 Architecture and urban planning			
1 – General information			
Full name of the higher education institution and structural unit	Odesa State Academy of Civil Engineering and Architecture, Institute of Architecture and Art, Department of Architecture of Buildings and Structures		
Degree of higher education and title of qualification in the original language	Second (master's) level Master of Architecture and Urban Planning		
Official name of the study programme	Educational and scientific programme Architecture of buildings and structures		
Type of diploma and scope of the study programme	Master's degree, single. The volume of the educational programme is 120 ECTS credits		
Availability of accreditation	Certificate of accreditation of the educational programme A4396, valid until 01.07.2028.		
Cycle / level	NQF of Ukraine - level 7, QF-EHEA - second cycle, EQF-LLL - level 7		
Prerequisites	Bachelor's degree, specialist's degree. EMI in a foreign language and an exam in the speciality		
Language of instruction	Ukrainian, English		
The validity of the of the educational programme	Until the following version comes into force		
Internet address for permanent posting of the educational programme description	<u>ONP_ABS_2022m_1.pdf</u>		
2 – Objective of the study programme			
Training of highly qualified specialists for creative design and research activities in			

Training of highly qualified specialists for creative design and research activities in the field of architecture and urban planning, who are capable of designing buildings and structures for various purposes, scientific and innovative activities in the field of architecture, are creative in solving professional problems of various levels of

1. Profile of the educational and scientific programme Architecture of buildings and structures speciality 191 Architecture and urban planning

complexity, are able to solve problems in a comprehensive manner, using modern methods, technologies and materials.

3 – Characteristics of the educational programme			
Subject area (field			
of knowledge,	Field of study 19 Architecture and construction		
speciality,	Speciality 191 Architecture and urban planning		
specialisation)	1 ,		
Orientation of the			
of the educational	Educational and scientific, focused on architectural design and		
programme	research activities, applied		
Main focus of the	Professional education in the field of architecture and		
study programme	construction, focusing on the training of specialists and		
and specialisation	researchers in architecture.		
	Keywords: architecture; buildings and structures; architectural		
	design; urban planning; design of buildings and structures;		
	typology of buildings and structures.		
Features of the	The programme is based on modern world achievements in the		
programme	architecture of buildings and structures and covers disciplines		
r · O · · ·	that combine theoretical knowledge with practical skills and		
	abilities for future professional activities. Famous practicing		
	architects and teachers are involved in the teaching process.		
	Students learn to design buildings and structures for various		
	purposes; have the opportunity to engage in practical activities		
	through participation in architectural competitions, exhibitions,		
	design seminars; participate in research, conferences, student		
	competitions, and academic competitions on architectural and		
	construction topics.		
	Under the cooperation programme, master's students have the		
	opportunity to study at the École nationale supérieure		
	d'architecture de Marseille in Marseille, France, and receive a		
	double degree. The programme is valid for 5 years from 22 June		
	2018. <u>https://www.marseille.archi</u>		
4 – Suitability of g	raduates for employment and further education		
Suitability for	According to the current National Classification of Professions		
employment	of Ukraine (DK 003:2010 with amendments), masters of		
	architecture and urban planning can hold the following		
	positions:		
	2141.1 Junior researcher (architecture, urban planning);		
	Researcher (architecture, urban planning);		
	Researcher-consultant (architecture, urban planning).		
	2141.2 Architect;		
	Architect for the restoration of architectural monuments and		
	urban planning;		

	Design engineer (urban planning).	
	2142.1 Junior researcher (construction);	
	Researcher (construction);	
	Researcher-consultant (construction).	
	2310.2 Teacher of a higher education institution.	
	2320 Teacher in a vocational educational institution;	
	Teacher of a vocational school.	
	2452.1 Research designer.	
	2452.2 Interior designer.	
	2310.1 Doctoral student;	
	Associate professor.	
	2310.2 Assistant.	
	Places of work: architectural workshops, design studios,	
	educational institutions, government agencies, etc.	
	Occupations and professional job titles according to the	
	International Standard Classification of Occupations 2008	
	(ISCO-08): 216: Architects	
Further training	He has the right to study Doctor of Philosophy programmes	
	(according to the third cycle of FQ-EHEA, EQF-LLL level 8	
	and HPK level 8 programmes of Ukraine), interdisciplinary	
	programmes related to architecture and urban planning.	
5 – Teaching and a		
Approaches to	The approaches used in teaching include the methods and	
teaching	technologies of modern learning provided by the educational	
	technologies of modern learning provided by the educational program, namely: student-centered learning, self-study,	
teaching	technologies of modern learning provided by the educational program, namely: student-centered learning, self-study, problem-based learning, independent work of students,	
teaching	technologies of modern learning provided by the educational program, namely: student-centered learning, self-study, problem-based learning, independent work of students, including individual tasks: course projects, term papers,	
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	The overall organization of international cooperation and foreign economic activity is entrusted to the Department of International Relations. Higher education students enrolled in the educational and professional program are provided with - educational support in the context of issues directly related to the organization of learning and teaching, including the work of deans' offices, departments for the organization of the educational process, other auxiliary units of the Academy and their interaction with applicants - advisory and social support in the relevant areas (employment counseling, psychological support, etc.) - organizational and informational support in the relationship between applicants and the Academy on administrative issues (obtaining information, certificates, confirmations, etc.); - information interaction of higher education applicants on educational and extracurricular issues, including the availability of relevant information in the public domain (schedule, consultations, other information on the official website of the Academy). Teaching is conducted in the form of: lectures, lectures-presentations using information and communication technologies, practical classes, practical workshops (including with the involvement of practicing artists, specialists in other creative specialties), practical training, independent study based on modern scientific and methodological literature and consultations of teachers. There are also opportunities for learning and teaching using distance learning technologies (including Google Workspace,
Methods assessment	Moodle). The system for assessing the quality of the educational and professional program includes: current and final (semester)
	control, certification. Current control is carried out in practical classes (oral or written questioning, express control, speeches of applicants during the discussion of issues, control works, test control, presentations, etc.) The final control is carried out in the form of an exam or test, defense of course projects (works), defense of practice reports. The certification of higher education students is carried out in the form of a public defense of qualification work. The academic achievements of higher education students are assessed on a 100-point scale and the ECTS scale.

6 - Programme co	mpetences			
Integral	IC1 Ability to solve research and/or innovation problems in the			
competence(IC)	field of architecture and urban planning			
General	GC1. Ability to think abstractly, analyse and synthesise.			
competences	GC2. Ability to communicate in the state language both orally			
(GC)	nd in writing.			
	C3. Ability to communicate in a foreign language.			
	GC4. Ability to use information and communication			
	technologies.			
	GC5. Commitment to environmental protection.			
	GC6. Ability to act on the basis of ethical considerations			
	(motives).			
	GC7. Knowledge and understanding of the subject area and			
	understanding of professional activities.			
	GC8. Ability to communicate with representatives of other			
	professional groups of different levels (with experts from other			
	fields of knowledge/ types of economic activity).			
Special	SC1. Ability to integrate knowledge and solve complex			
(professional)	problems of architecture and urban planning in broad or			
competences	multidisciplinary contexts.			
defined by the	SC2. Ability to solve problems of architecture and urban			
Higher Education	planning in new or unfamiliar environments with incomplete or			
Standard (HES)	limited information, taking into account aspects of social and			
	ethical responsibility.			
	SC3. Ability to analyse, develop and implement architectural			
	and urban planning solutions, taking into account			
	socio-demographic, national-ethnic, natural and climatic,			
	engineering and technical factors, as well as sanitary, hygienic,			
	safety, energy-saving, environmental, technical and economic			
	requirements.			
	SC4. Ability to continue learning with a high degree of			
	autonomy.			
	SC5. Ability to develop and implement projects in the field of			
	architecture and urban planning.			
	SC6. Ability to analyse international and domestic experience,			
	collect, accumulate and use information necessary for solving			
	research and innovation problems in the field of architecture and			
	urban planning.			
	SC7. Ability to project modelling and research of conceptual,			
	full-scale and computer models of architecture and urban			
	planning objects.			
	SC8. Ability to develop tasks for architectural and urban			
	planning design, organise the design process using data from			

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	field surveys, measurement work, urban planning calculations of	
	the design object.	
	SC9. Ability to manage work processes in the field of	
	architecture and urban planning that are complex, unpredictable	
	and require new strategic approaches.	
	SC10. Ability to generate new ideas and develop innovative	
	solutions in the field of architecture and urban planning.	
	SC11. Ability to critically reflect on the problems of architecture	
	and urban planning.	
	SC12. Ability to plan and carry out scientific and applied	
	research in the field of architecture and urban planning.	
	SC13. Ability to carry out research and teaching activities in	
	higher education institutions.	
Special	SC14. Ability to perform pre-design analysis and develop	
(professional)	projects of residential, public, industrial facilities, urban	
competences	planning facilities of local type, landscape facilities, interior	
defined by the	design and other types of architectural environment in new	
higher education	construction, as well as in the reconstruction and renovation of	
institution (SC)	architectural and urban planning facilities.	
	SC15. Ability to combine independent and collective work,	
	development of the architectural and urban planning part of the	
	project with the activities of specialists in related fields to ensure	
	a comprehensive and high-quality solution to professional	
	problems.	
	SC16. Ability to develop design solutions for the use and	
	preservation of historical buildings, based on theoretical	
	knowledge in the field of reconstruction and renovation of	
	architectural and urban planning objects.	
	SC17. The ability to make rational architectural and design	
	decisions about the interiors of premises for various purposes	
	based on the use of artistic, functional, construction, ergonomic	
	components that create the interior environment.	
	SC18. Ability to perform scientific, technical documentation	
	using information technology, production of models and visual	
	illustrative materials for architectural and urban planning	
	conceptual, experimental projects of new construction,	
	reconstruction and restoration of existing facilities	
7 – Programme learning outcomes		
Programme	PLO1. Possess specialised conceptual knowledge that includes	
learning	modern scientific achievements in the field of architecture and	
outcomes,	urban planning and is the basis for original thinking and	
defined by the	research.	
Higher Education	PLO2. Possess specialised problem-solving skills necessary to	
Standard (PLO)	conduct research and/or conduct innovative activities in the field	

of architecture and urban planning in order to develop new
knowledge and procedures.
PLO3. Carry out pre-project analysis of architectural and urban
planning objects and territories.
PLO4. Understand and apply in practice the theoretical and
practical principles of designing innovative urban planning
objects, residential, public, industrial buildings and structures,
reconstruction and restoration of architectural objects, methods
of achieving rational architectural and planning,
volumetric-spatial, constructive solutions, ensuring
socio-economic efficiency, environmental friendliness, energy
efficiency.
PLO5. Know, understand and evaluate the characteristics of
modern building materials, products and technologies, take into
account their features when developing innovative design
solutions for buildings and structures, in projects for the
improvement of urban and landscape areas, in the reconstruction
and restoration of architectural and urban planning monuments.
PLO6. Ensure the harmonisation of architectural objects and the
built environment, in particular by applying the principles and
methods of the theory of architectural environment design.
PLO7. Carry out project modelling, choose digital technologies and software tools to solve research and innovation problems,
· · · · ·
develop and implement projects in the field of architecture and
urban planning, prepare relevant scientific and technical
documentation, make models and visual illustrative materials.
PLO8. Organise work on complex architectural and urban
planning projects, cooperation with customers and the public in
the development, approval and public discussion of architectural
projects; clearly communicate own conclusions and arguments
to specialists and non-specialists.
PLO9. Apply energy-efficient and other innovative technologies
when conducting scientific architectural and urban planning
research and making complex architectural and urban planning
decisions.
PLO10. Discuss the results of professional activities, research
and innovative projects in the field of architecture and urban
planning in the state and foreign languages orally and in writing.
PLO11. Make effective decisions in the field of architecture and
urban planning, develop and compare alternatives, take into
account constraints, assess possible side effects and risks.
PLO12. Know and apply in practice the legislation and
regulatory framework for research and development of
architectural and urban planning projects.

	 PLO13. Justify safety, sanitary and hygienic, environmental, engineering and technical, technical and economic solutions and indicators in complex architectural and urban planning design. PLO14. To supervise the implementation of projects in the field of architecture and urban planning. PLO15. Analyse international and domestic experience in the design of architecture and urban planning. 			
	design of architectural and urban planning objects. PLO16. Plan and carry out research in the field of architecture			
	and urban planning.			
	PLO17. To teach special disciplines in architecture and urban			
Programme	planning in higher education institutions. PLO18. Determine methods of implementing a creative task,			
learning outcomes, defined by the higher education institution (PLO)	taking into account the solution of complex architectural and artistic, functional, planning, structural and technological problems. Achieve the completion of all stages of architectural and urban design, development of all sections of the complex project and explanatory note in due time. PLO19. Analyse the urban planning historical context of the environment; apply the acquired theoretical knowledge on the problems of reconstruction and renovation of historical buildings in the development of architectural and urban planning			
	project documentation; use optimal solutions in the field of reconstruction of urban areas and architectural objects. PLO20. Know the features of scientific research methods - general, interdisciplinary, disciplinary, criteria for their selection in accordance with the task, stages of scientific research. Know the methods of displaying the used research methods in graphical form. PLO21. Know the basics of typological analysis, classification methods. Be able to identify the main factors influencing the formation of typological features of architectural objects. Have an idea of the structure of typological research, including urban planning, functional planning, volumetric and compositional, stylistic and other aspects.			
8 – Resource supp	ort for programme implementation			
Personnel support	Academic staff involved in the implementation of the educational program work at the main place of work at the Academy, have an academic title and/or degree, meet the requirements of licensing and accreditation conditions for the implementation of educational activities in the field of higher education (Resolution of the Cabinet of Ministers of Ukraine "On Ensuring Licensing Conditions for the Implementation of			
	Educational Activities of Educational Institutions" of December 30, 2015, No. 1187, as amended).			

	n order to maintain competence at the proper level, all			
	academic staff undergo advanced training/internships.			
	The material and technical support of the Odesa State Academy			
	Licensing Conditions for Educational Activities in Higher Education and is sufficient to ensure the quality of the			
I				
E				
e	educational process under the educational and professional program, which includes: workshops, classrooms, computer and specialized classrooms, library, reading rooms, gyms, assembly			
p p				
S				
h	nall, sports ground, recreation center, canteens, and simple			
S	shelters.			
Information U	Use of electronic resources: electronic catalog, electronic			
	ibrary, Internet resources, Open Access, the Academy's website,			
	bibliographic resources, the Academy's repository			
	OSACEAeR http://mx.ogasa.org.ua/), Google Workspace and			
	author's educational and methodological developments of			
	scientific and pedagogical staff. There is a licensed version of			
	he database of normative literature BudInfo.			
9 – Academic mobili				
	t is carried out on the basis of bilateral agreements between the			
	Academy and higher education institutions of Ukraine and			
	existing national programs. It provides for the transfer of ECTS			
	credits of the relevant educational program received in other			
	nigher education institutions of Ukraine.			
	nternational credit mobility is carried out on the basis of			
credit mobility a	agreements:			
) Programme ERASMUS+			
n	number 2017-1-HR01-KA107-035074,			
P	Polytechnic in Pozega (Pozega, Serbia),			
p	project Erasmus+, KA1 – Learning Mobility of Individuals			
-	2) Programme ERASMUS+,			
n	number 2017-1-RO01-KA107-035813.			
t	University of Pitesti (Pitesti, Romania),			
	project Erasmus+, KA1 – Learning Mobility of Individuals			
	3) Double degree programme based on cooperation with the			
	Higher National School of Architecture in Marseille, France			
	(École nationale supérieure d'architecture de Marseille) (valid			
	for 5 years from 2 June 2018)			
	4) Academic mobility programme MEVLANA, Turkey.			
	https://odaba.edu.ua/international-activities/international-progra			
	ns-and-projects			
	The training of foreign applicants in the educational and			
-	professional program Industrial and Civil Engineering is carried			
	out on the basis of the Order of the Ministry of Education and			

Science of Ukraine dated 18.07.2019 No. 944-1 and in
accordance with the Rules of Admission to the Odesa State
Academy of Civil Engineering and Architecture and the relevant
Regulations of the Center for Training of Specialists from
Foreign Countries.
Languages of instruction - Ukrainian, English

2. List of components of the of the educational and scientific programme and their logical sequence

2.1 List of components of the ESP

Cala	Components of the educational programme	Number of	Form of	
Code	(academic disciplines,	credits	final	
EC	internships, qualification work)	ECTS	control	
1	2	3	4	
MANDATORY COMPONENTS OF THE ESP				
	Total components – 9,0 credits			
EC 1	Foreign language	3,0	credit	
EC 2	Energy saving in architecture and urban planning	3,0	exam	
EC 3	Environmental justification of architectural and construction solutions	3,0	credit	
	Special (professional) components – 45,0 credit	ts		
EC 4	Conceptual architectural design	22,5	credit	
EC 5	Modern building materials and structures	3,0	exam	
EC 6	Computer modelling	3,0	credit	
EC 7	Urban planning aspects of architectural design	3,0	exam	
EC 8	Problems of reconstruction and renovation of historic buildings	3,0	credit	
EC 9	Modern problems of architecture and urban planning	3,0	credit	
EC 10	Organisation and management of design and construction	3,0	exam	
EC 11	Project and research practice	4,5	credit	
	Research components – 36,0 credits			
EC 12	Fundamentals of typological analysis in architecture and urban planning	3,0	credit	
EC 13	Methods of scientific research in architecture	3,0	credit	
EC 14	Pre-graduation practice	6,0	credit	
EC 15	Qualification (master's) thesis	24,0	public defence	
	Total amount of mandatory components	90,0		
SELECTIVE COMPONENTS OF THE ESP				
	Total components – 6,0 credits			
SC 1	Elective courses	3,0	credit	
SC 2	Elective courses	3,0	credit	
	Special (professional) components – 24,0 credits			
SC 3	Elective courses	4,0	credit	
SC 4	Elective courses	4,0	credit	
SC 5	Elective courses	4,0	credit	
SC 6	Elective courses	4,0	credit	
SC 7	Elective courses	4,0	credit	
SC 8	Elective courses	4,0	credit	
	Total volume of selected components 30,0			
TOTAL VOLUME OF ESP 120,0				

1 semester	2 semester	3 semester	4 semester			
EC2 EC6	EC4 EC7 EC8	EC3 EC10 EC9 EC13	EC14 EC15			

2.2 The structure and logic diagram of the ESP

3. Form of certification of applicants for higher education of the educational and scientific programme Architecture of buildings and structures

The certification of graduates of the educational and scientific programme Architecture of Buildings and Structures, speciality 191 Architecture and Urban Planning is carried out in the form of a public defence of a qualifying diploma thesis before an examination committee chaired by a leading scientist or representative of an enterprise or organisation in the field of architecture. The certification ends with the issuance of a master's degree diploma with the qualification Master of Architecture and Urban Planning.

The qualification work involves solving a research and/or innovation problem in the field of architecture and urban planning and developing an architectural project on this topic. The qualification work must not contain academic plagiarism, falsification, or fabrication.

The qualification work is posted in the repository of the higher education institution.

The qualification work is defended in the state language.

4. Compliance matrices

	EC 1	EC 2	EC 3	EC 4	EC 5	EC 6	EC 7	EC 8	EC 9	EC 10	EC 11	EC 12	EC 13	EC 14	EC 15
GC1		+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC2		+	+	+	+		+	+	+		+	+	+	+	+
GC3	+			+			+	+	+			+	+		+
GC4		+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC5		+	+	+	+		+	+	+		+	+	+	+	+
GC6				+			+	+	+		+	+	+	+	+
GC7		+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC8	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SC1		+	+	+	+	+	+	+	+		+	+	+	+	+
SC2		+	+	+		+	+	+	+		+	+	+	+	+
SC3		+	+	+	+	+	+	+	+	+	+	+	+	+	+
SC4	+			+		+						+	+		+
SC5		+	+	+	+	+	+	+	+	+	+			+	+
SC6	+			+		+	+	+	+		+	+	+	+	+
SC7				+		+	+	+	+		+	+	+	+	+
SC8				+		+	+		+		+	+	+	+	+
SC9		+	+	+	+	+	+	+	+	+	+	+	+	+	+
SC10		+	+	+	+	+	+	+	+		+	+	+	+	+
SC11				+			+	+	+		+	+	+	+	+
SC12				+						+	+	+	+	+	+
SC13				+			+	+	+			+	+		+
SC14				+	+	+	+	+	+		+	+	+	+	+
SC15		+	+	+	+					+	+			+	+
SC16				+				+			+		+	+	+
SC17		+		+	+				+		+	+	+	+	+
SC18				+		+		+				+	+		+

4.1 Matrix of correspondence of programme competences and educational components

	EC 1	EC 2	EC 3	EC 4	EC 5	EC 6	EC 7	EC 8	EC 9	EC 10	EC 11	EC 12	EC 13	EC 14	EC 15
PLO 1		+	+	+	+	+	+	+	+		+	+	+	+	+
PLO 2				+		+	+	+	+			+	+		+
PLO 3				+			+	+	+			+	+		+
PLO 4		+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLO 5				+	+			+			+				+
PLO 6				+					+		+			+	+
PLO 7				+		+	+				+	+	+	+	+
PLO 8	+	+	+	+	+	+	+	+	+	+	+			+	+
PLO 9		+	+	+	+		+				+	+	+	+	+
PLO 10	+			+							+	+	+	+	+
PLO 11		+	+	+	+		+	+	+	+	+	+	+	+	+
PLO 12				+			+	+	+		+	+	+	+	+
PLO 13		+	+	+	+		+	+	+	+	+	+	+	+	+
PLO 14				+							+			+	+
PLO 15	+			+			+	+	+		+	+	+	+	+
PLO 16				+		+			+			+	+		+
PLO 17	+	+	+	+	+	+	+	+	+			+	+		+
PLO 18				+	+	+				+	+	+	+		+
PLO 19				+			+	+	+			+	+		+
PLO 20						+						+	+		+
PLO 21												+	+		+

4.2 Matrix for ensuring programme learning outcomes (PLOs) with relevant educational components

List of regulatory documents, on which the study programme is based

1. Law of Ukraine On Higher Education № 1556-VII of 01.07.2014. URL: <u>http://zakon5.rada.gov.ua/laws/show/2145-19</u>.

2. Law of Ukraine On Education № 2145-УШ of 05.09.2017.

URL: http://zakon5.rada.gov.ua/laws/show/2145-19.

3. Licensing conditions for conducting educational activities. Resolution of the Cabinet of Ministers of Ukraine 30.12.2015. № 1187

URL: https://zakon.rada.gov.ua/laws/show/1187-2015-%D0%BF#Text

4. National Classifier of Ukraine: Classification of Economic Activities Національний класифікатор України: ДК 009: 2010

URL: https://zakon.rada.gov.ua/rada/show/vb457609-10#Text

5. National Qualifications Framework.

URL: <u>https://nqa.gov.ua/national-qualification-frame/</u>

6. National classifier ДК 003:2010 Classification of professions.

URL: https://zakon.rada.gov.ua/rada/show/va327609-10#Text

7. Standart vyshchoy osvyty drugogo (magisterskogo) rivnya za spetsyalnistyu 191 Arhytektura ta mistobuduvannya galuzy znan 19 Arhytektura ta budivnytstvo, 2022

https://mon.gov.ua/storage/app/media/vishcha-osvita/zatverdzeni%20standarty/2022/05/10/191-Arkh.ta.mistbud.mah.418-09.05.2022.pdf