MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
"LVIV POLYTECHNIC"
NATIONAL UNIVERSITY

"APPROVED"
Rector of the
"Lviv Polytechnic"
National University

_____ / Bobalo Y./

_____ 05 _____ 2021

EDUCATIONAL AND SCIENTIFIC PROGRAM

third (educational and scientific) level of higher education

in the specialty 022 Design

field of knowledge 02 Culture and art

Qualification: Doctor of Philosophy in Culture and Arts

majoring in Design

Considered and approved
Academic Council of the University
(Minutes № 74 "25.05." 2021)

Lviv 2021

Developed by a working group on specialty 022 "Design" consisting of:

Head:

Bodnar O.   Dr., Prof., Professor of the Department
design and basics of architecture

Members:

Linda S.	Doc. of Arch., Professor, Head of the Department of DOA
Cerkes B.	Doc. of Arch., Prof., Director of IARD
Galyshych R.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA
Melnyk O.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA
Motyl R.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA
Milchevych S.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA
Kramarchuk H.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA
Myhal S.	Ph.D., Assoc. Prof., Assoc. Prof. of DOA head of the Lviv regional branch of the Union of Designers of Ukraine
Pavliv A.	owner of Zelemin architectural studio
Kravchak L.	postgraduate student majoring in 022 "Design"
Shtompel K.	Chairman of the Board and Trade Union of IArD Students

Guarantor   Dr., prof. Bodnar O.

Approved and entered into force by the Order of the Rector of the "Lvivska Polytechnica" National University from "31" __05__ 2021 № 325-1-10
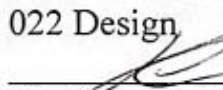
LETTER OF AGREEMENT
Of educational and scientific program
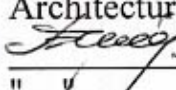
Level of higher education	The third (educational and scientific)
Field of knowledge	02 Culture and art
Specialty	022 *Design*
Qualification	Doctor of philosophy

APPROVED

Scientific and Methodological
Commission of the specialty 022
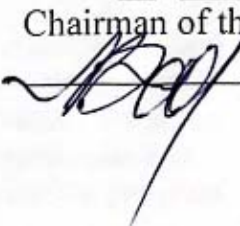Design
Minutes № 4
from "30" 03 2021

Chairman of the SMC specialty
022 Design
_____ Galyshych R.
" " _____ 2021

Director of the Institute of
Architecture and design
_____ B.Cherkes
" " _____ 2021

AGREED

Head of the educational and
methodical department
_____ Sviridov V.
"12" 05 2021

Vice-Rector for Research
_____ Demydov I.
" " _____ 2021

Vice-rector for scientific and
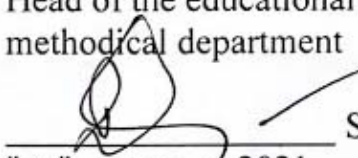pedagogical work
_____ Davydchak O.
"12" 05 2021

RECOMMENDED

Scientific and Methodological
Council
of the University
Minutes № 56
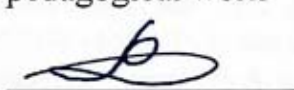from "13" 05 2021
Chairman of the SRC
_____ A. Zahorodniy
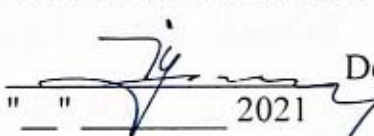
I. EDUCATIONAL COMPONENT OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM

1. Profile of the Doctor of Philosophy program
in the field of knowledge 02 "Culture and Art"
in specialty 022 "Design"

1 - General information	
Full name of the institution of higher education and structural unit	**Lvivska Polytechnica National University**
Full title of the qualification in the original language	**Doctor of Philosophy in Culture and Art by Specialty of Design**
The official name of the educational and scientific program	Design
Type of diploma and scope of educational program	Doctor of Philosophy, single, 43 ECTS credits of the educational component of the educational-scientific program, term of the educational component of the educational-scientific program - 2 years
Cycle / level	NRC of Ukraine - level 8, FQ-EHEA - third cycle, EQF-LLL - level 8
Prerequisites	Level of higher education "Master"
Language (s) ofinstruction	Ukrainian, English
Basic concepts and their definitions	The educational and scientific program uses basic concepts and their definitions in accordance with the Law of Ukraine "On Higher Education" of 01.07.2014 # 1556-VII as amended, the Law of Ukraine "On Scientific and Scientific-Technical Activities" of 26.11.2015 48 848-VIII with changes and additions, the Procedure for training graduates of the degree of Doctor of Philosophy and Doctor of Science in higher educational institutions (scientific institutions), approved by the Resolution of the Cabinet of Ministers of March 23, 2016 # 261
2 - The purpose of the educational and scientific program	
	To deepen theoretical knowledge and practical skills in the field of culture and art in the field of design, to develop philosophical and linguistic competencies, to form universal skills of a researcher, sufficient for conducting and successfully completing scientific research and further professional and scientific activities
3 - Characteristics of educational and scientific program	
Subject area (field of knowledge, specialty)	Field of knowledge 02 "Culture and art", specialty 022 "Design"
Orientation of the educational and scientific program	The educational and scientific program is based on the fundamental postulates of design and the results of modern research in the field of innovative development of design theory and practice. Aimed at the development of theoretical and methodological and methodological and applied design base with emphasis on the latest trends in design development, which deepens the professional scientific worldview and provides a basis for research and further professional and scientific activities

Features of the program	The educational and scientific program covers a wide range of modern innovative vectors of development of theory and practice of design, which forms an updated theoretical and applied basis for research
4 - Suitability of graduates of educational and scientific program to employment and further training	
Suitability for employment	Jobs in public and private higher education institutions, scientific and research institutions in the positions of teachers and researchers, in enterprises and organizations of various activities and forms of ownership in management positions
Further training	Scientific program of the fourth (scientific) level of higher education "Doctor of Sciences"
5 - Teaching and assessment	
Teaching and learning	Combination of lectures and practical classes, pedagogical workshop, consultation with the supervisor, scientific and pedagogical community with independent scientific and educational work
Evaluation	Exams, tests, current control
6 - Program competencies	
Integrated Competence (INT)	Ability to produce innovative scientific ideas, master the methodology of scientific and pedagogical activities, solve complex problems in the process of innovation, research and professional activities, conduct original research in the field of design at the international and national levels
General Competences (GC)	1. In-depth knowledge of conceptual-methodological and methodological-applied principles of design in historical and modern perspectives, its conceptual and categorical apparatus and practical experience. 2. Thorough knowledge and understanding of philosophical methodology of cognition, key principles of professional ethics, system of moral and cultural values. 3. Ability to initiate and conduct original research, identify current scientific problems, search and critically analyze information, produce innovative constructive ideas and apply non-standard approaches to solving complex and atypical problems. 4. Ability to show oratory and rhetorical skills in presenting research results, conduct professional scientific discussions and discussions with the general scientific community and the public in Ukrainian, form scientific texts in writing, organize and conduct classes, use advanced information and communication tools. 5. Ability to present and discuss the results of scientific research in English orally and in writing, to read and fully understand English-language scientific texts. 6. The ability to be purposeful and persistent, self-improvement throughout life, aware of social and moral responsibility for the scientific results. 7. Ability to initiate, justify and manage current research projects of an innovative nature, independently conduct research, interact in a team and show leadership skills in the implementation of research projects.
Special (professional) competencies (SC)	1. In-depth knowledge of the historical foundations of the theory and practice of design, fundamental postulates and paradigms in the field of design, the latest trends in design and conceptual ideas and methods of design classics. 2. In-depth knowledge of classical and modern scientific tools for the study of cultural and artistic phenomena and processes in various fields of design. 3. In-depth knowledge of theoretical and applied principles of

	different types and areas of design.
	4. Ability to identify and understand the causal links between socio-cultural and artistic phenomena and processes in the field of design, to identify and evaluate factors of influence.
	5. Ability to evaluate and predict various artistic phenomena and processes in the field of design.
	Ability to develop logical and sound design and art systems, models, etc. for specific art objects in the field of design.
7 - Program learning outcomes	
Knowledge (KN)	1. Ability to demonstrate in-depth knowledge of historical and modern conceptual and methodological and methodological principles of design.
	2. Ability to demonstrate in-depth knowledge of domestic and foreign scientific achievements and practical experience in the field of design.
	3. Ability to demonstrate in-depth knowledge of theoretical and applied principles of a wide range of varieties and areas of design.
	4. Ability to demonstrate in-depth knowledge and understanding of classical and modern methodological and methodological framework for research of cultural and artistic phenomena and processes in various fields of design.
	5. Ability to demonstrate knowledge and understanding of the philosophical methodology of scientific knowledge, psychological and pedagogical aspects of professional and scientific activities, their own scientific worldview and moral and cultural values.
	Ability to demonstrate sufficient knowledge of English required for oral and written presentation of research results, professional scientific dialogue, full understanding of English-language scientific texts.
Skills (SK)	1. Apply the knowledge gained in various subject areas of design to formulate and justify new theoretical positions and practical recommendations in a particular area of research.
	2. Integrate and apply the acquired knowledge from different interdisciplinary areas in the process of solving theoretical and applied problems in a particular field of research.
	3. To choose and apply the methodology and tools of scientific research in the implementation of theoretical and empirical research in the field of design.
	4. Conduct research and carry out research projects on the basis of identifying current scientific problems, defining goals and objectives, forming and critically analyzing the information base, substantiation and commercialization of research results, formulation of author's conclusions and proposals.
	5. Carry out cultural and artistic modeling and socio-ergonomic diagnosis of various processes and objects in the field of design.
	6. Conduct a scientific discussion and discussion in Ukrainian and English at the appropriate professional level, present the results of scientific research in oral and written form, organize and conduct training sessions.

Communication (COM)	1. Ability to communicate in business scientific and professional language, to apply different styles of speech, methods and techniques of communication, to demonstrate a wide scientific and professional vocabulary. 2. Ability to use modern information and communication tools and technologies to ensure effective scientific and professional communications.
Autonomy and responsibility (A&R)	1. Ability to independently conduct research and make decisions. 2. Ability to formulate their own author's conclusions, suggestions and recommendations. Ability to be aware of and take personal responsibility for the results of the study.
8 - Resource support for the implementation of the educational program
Specific characteristics of personnel software	100% of research and teaching staff involved in teaching a series of disciplines that provide special (professional) competencies of the graduate student, have degrees and academic titles
Specific characteristics of material and technical support	Use of modern software: "Adobe Illustrator", "Adobe Photoshop", "Adobe InDesign", "Adobe Flash Professional", "3D MAX", "Corel DRAW", "Corel PHOTO PAINT"
Specific characteristics of information and methodological support	Use of the virtual educational environment of the National University "Lvivska Polytechnica" and author's developments of scientific and pedagogical workers
9 - Academic mobility
National credit mobility	Based on bilateral agreements between Lviv Polytechnic National University and Ukrainian universities
International credit mobility	Within the framework of the EU Erasmus + program on the basis of bilateral agreements between Lviv Polytechnic National University and educational institutions of partner countries
Training of foreign postgraduate students	Possible

2.Distribution of content
educational component of the educational and scientific program
by groups of components and training cycles

# In ord er	Training cycles	The amount of study load of the postgraduate student (credits /%)		
		Required components of the educational component	Selective components of the educational complex	Total for the entire period teaching
1.	A cycle of disciplines that form general scientific competencies and universal skills of a researcher	21/49	3/7	24/56

2.	A cycle of disciplines that form professional competencies	10/23	6/14	16/37
3.	The cycle of disciplines of free choice of postgraduate student	-	3/7	3/7
Total for the entire period of study		**31/72**	**12/28**	**43/100**

3. List of components of the educational component of the educational and scientific program

discipline code	Components of the educational complex	Number of credits	Form final control	Competences provided by Resolution 261 of March 23, 2016 (as amended on April 3, 2019)
1	2	3	4	5
1. 1. Mandatory components of the educational component				
A cycle of disciplines that form general scientific competencies and universal skills of a researcher				
MK1.1.	Foreign language for academic purposes, part 1	4	test	Acquisition of language competencies sufficient to present and discuss the results of their scientific work in a foreign language orally and in writing, as well as for a full understanding of foreign scientific texts in the field, the use of modern information technology (presentation of scientific results).
MK1.2.	Philosophy and methodology of science	3	exam	Mastering general scientific (philosophical) competencies aimed at forming a systematic scientific worldview, professional ethics and general cultural outlook; application of modern information technologies in scientific activity (work with NMBD, automatic formation of references to literature sources)
MK1.3.	Foreign language for academic purposes, part 2	4	exam	Acquisition of language competencies sufficient to present and discuss the results of their scientific work in a foreign language orally and in writing, as well as for a full understanding of foreign scientific texts in the field, the use of modern information technology (presentation of scientific results).
MK1.4.	Professional pedagogy	3	test	Acquisition of universal skills of the researcher, in particular, the organization and carrying out of educational employment, application of modern

1	2	3	4	5
				information technologies (work with VSE, Microsoft Teams, Zoom, etc.)
MK1.5.	Academic entrepreneurship	4	test	Acquisition of universal skills of a researcher, including oral and written presentation of the results of own research in Ukrainian, management of research projects and / or drafting proposals for research funding, registration of intellectual property rights, application of modern information technologies.
1	2	3	4	5
MK1.6.	Pedagogical practice	3	test	Acquisition of universal skills of a researcher, in particular, organization and conduct of training sessions, application of modern information technologies (work with VNS, Microsoft Teams, Zoom, etc.).
Total per cycle:		**21**		
A cycle of disciplines that form professional competencies				
MK2.1. *	Research seminar in the field of architecture, urban planning, art and design	4	test	Acquisition of in-depth knowledge of the specialty in which the graduate student conducts research, including mastering basic concepts, understanding of theoretical and practical problems, history of development and current state of scientific knowledge in the chosen specialty, mastering terminology in the research area in ECTS credits according to higher education standard
MK2.2. *	Theoretical models in architecture, urban planning, art and design	3	exam	
MK2.3. *	Traditions and innovations in the development of architecture, urban planning, art and design	3	test	
Total per cycle:		**10 (4+3+3)**		
2. Selective components of the educational comlex				
A cycle of disciplines that form general scientific competencies and universal skills of a researcher				
EL1.1	Business Foreign Language	3	test	Acquisition of universal skills of a researcher, including oral and written presentation of the results of own research in Ukrainian, management of research projects and / or drafting proposals for research funding, registration of intellectual property rights, application of modern information technologies.

Acquisition of language competencies sufficient to present and discuss the results of their scientific work in a foreign language orally and in writing, as well as for a full understanding of foreign scientific texts in the field, the use of modern information technology (presentation of scientific results).

Mastering general scientific (philosophical) competencies aimed at forming a systematic scientific worldview, professional ethics and general cultural outlook; application of modern information technologies in scientific activity (work with NMBD, |
EL 1.2	Psychology of creativity and invention	3	test	
EL 1.3	Management of research projects	3	test	
EL 1.4	Technology of registration of grant applications and patent rights	3	test	
EL 1.5	Rhetoric	3	test	
EL 1.6	Modern inventory in research activities	3	test	
EL 1.7	Open scientific practices	3	test	
EL 1.8	Academic virtue and quality of education	3	test	
EL 1.9	Methodology of preparation of scientific publications	3	test	
EL 1.10	Quality of higher education (formation of internal quality assurance systems)	3	test	

1	2	3	4	5
				automatic formation of references to literature sources) Acquisition of universal skills of the researcher, in particular, the organization and
				conducting training sessions, application of modern information technologies (work with VSE, Microsoft Teams, Zoom, etc.).
Total per cycle:		**3**		

<div align="center">Cycle of disciplines that form professional competencies **</div>

EL 2.1	Special research methods in the field of architecture, urban planning, art and design	3	exam	Acquisition of in-depth knowledge in the specialty "Design", in particular mastering the basic concepts, understanding of theoretical and practical problems, history of development and current state of scientific knowledge in the specialty, mastering the terminology of the research field
EL 2.2	International experience in the protection and preservation of historical and cultural monuments and monument protection legislation of Ukraine	3	exam	
EL 2.3	Problems of art synthesis in art culture	3	exam	
EL 2.4	Semiotics in project culture	3	exam	
EL 2.5	Synthesis of arts of design and artistic activity in the formation of subject-spatial environment	3	exam	
EL 2.6	Visual culture of modern design	3	exam	
EL 2.7	Historical paradigms and modern theories in architecture and design.	3	exam	
EL 2.8	Ethnocultural traditions in modern design	3	exam	
EL 2.9	Criteria for determining the categories of monuments of art and architecture and the procedure for entering them in the State Register	3	exam	
EL 2.10	Conceptual and terminological apparatus of scientific research in the field of architecture, urban planning, art and design	3	exam	
EL 2.11	Futuristic ideas in architecture, urban planning, art and design	3	exam	
1	2	3	4	5
EL 2.12	Source base of scientific	3	exam	

	research in the field of architecture, urban planning, art and design			
Total per cycle:		**6 (3+3)**		
3. Disciplines of free choice of postgraduate student ***				
EL 3.1	Discipline of free choice of postgraduate student	3	test	
Total per cycle:		**3**		
TOTAL		**43**		

Note: * - pedagogical workshop can take place in the second or third year of study;
    ** - the postgraduate student has the opportunity to choose the disciplines from item 2, item 3 (elective and free choice), and the share of these subjects must be at least 25% of the total number of ECTS credits.

4. Matrix of correspondence of program competencies training components

	MK1.1	MK1.2	MK1.3	MK1.4	MK1.5	MK1.6	MK2.1	MK2.2	MK2.3	EL1.1	EL 1.2	EL.3	EL.4	EL 1.5	EL 1.6	EL 1.7	EL 1.8	EL 1.9	EL 1.10	EL 2.1	EL 2.2	EL 2.3	EL 2.4	EL 2.5	EL 2.6	EL 2.7	EL 2.8	EL 2.9	EL 2.10	EL 2.11	EL 2.12
INT	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•	•	•	•
GC1		•		•					•																						
GC2	•			•													•		•												
GC 3	•		•		•	•					•	•			•	•														•	
GC 4	•				•	•					•	•		•		•		•			•										
GC 5		•		•						•								•													
GC 6	•				•						•						•														
GC 7	•				•		•				•	•	•						•												
PC1								•																•	•			•	•		
PC 2							•																•								
PC 3	•	•	•	•																•	•	•	•	•	•	•	•	•			
PC 4											•	•														•	•				
PC 5								•												•		•	•			•					•
PC 6							•		•	•	•	•				•						•					•	•	•		

Legend: MKi – mandatory discipline, ELi – elective discipline, i – the number of the discipline in the list of components of the educational component, INT – integral competence, GCj – general competence, PCj – professional (special) competence, j – competence number in the list of competencies of the educational component.
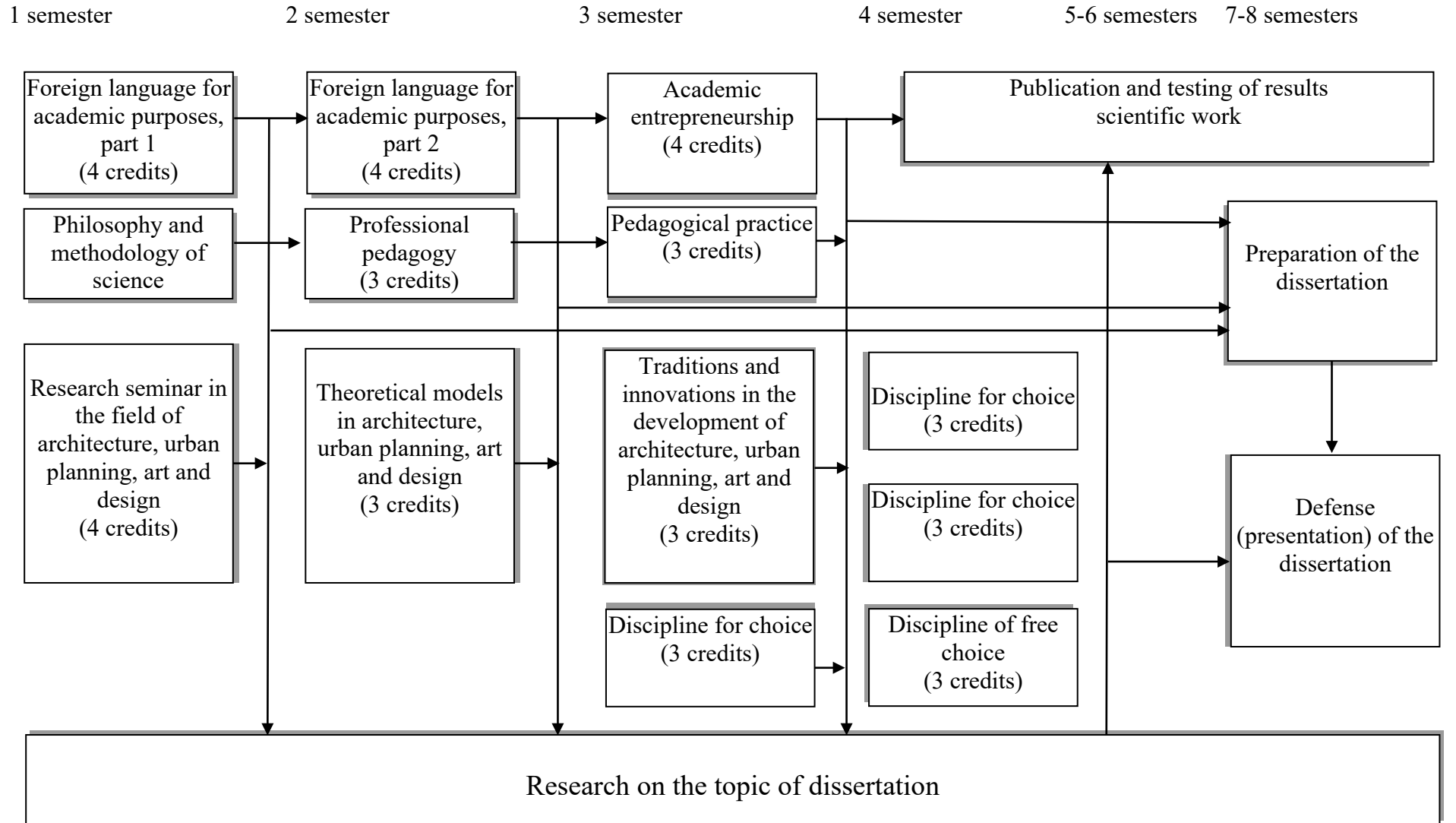
5. Matrix for providing software learning outcomes relevant components of the educational component

	MK1.1	MK1.2	MK1.3	MK1.4	MK1.5	MK1.6	MK2.1	MK2.2	MK2.3	EL1.1	EL1.2	EL1.3	EL1.4	EL1.5	EL1.6	EL1.7	EL1.8	EL1.9	EL1.10	EL2.1	EL2.2	EL2.3	EL2.4	EL2.5	EL2.6	EL2.7	EL2.8	EL2.9	EL2.10	EL2.11	EL2.12
KN 1							•	•	•														•	•			•	•			•
KN 2		•	•				•	•	•			•			•					•	•	•	•	•	•	•	•	•	•	•	•
KN 3		•	•				•	•	•			•								•	•	•	•	•	•	•	•	•	•	•	•
KN 4		•	•	•	•							•																			
KN 5		•	•	•	•	•					•	•	•		•	•	•	•	•	•		•	•			•				•	
KN 6	•			•	•	•				•				•																•	
SK 1		•	•	•	•							•										•	•	•		•	•	•	•		
SK 2		•	•	•	•	•	•	•	•			•				•		•		•	•	•	•	•	•	•	•	•	•	•	•
SK 3		•	•	•	•	•						•								•		•	•			•		•	•	•	•
SK 4		•	•	•	•	•					•	•	•																	•	
SK 5		•	•									•				•				•		•	•	•		•	•	•	•		
SK 6	•			•	•	•				•				•																	
COM1	•			•	•	•				•				•																	
COM2	•			•	•	•				•				•																	
A&R1							•				•		•																		
A&R2							•				•																				
A&R3							•				•																				

Legend: MKi – mandatory discipline, ELi – elective discipline, i – the number of the discipline in the list of components of the educational component, KNm – knowledge, SKm – skills, COMm – communication, A&Rm – autonomy and responsibility, m - the number of the program result in the list of program results of the educational component.

1. Structural and logical scheme of the educational-scientific program of the third (educational-scientific) level of higher education in specialty 022 "Design"

2.

| 1 semester | 2 semester | 3 semester | 4 semester | 5-6 semesters | 7-8 semesters |

Foreign language for academic purposes, part 1 (4 credits) → **Foreign language for academic purposes, part 2 (4 credits)** → **Academic entrepreneurship (4 credits)** → **Publication and testing of results scientific work**

Philosophy and methodology of science → **Professional pedagogy (3 credits)** → **Pedagogical practice (3 credits)** → **Preparation of the dissertation**

Research seminar in the field of architecture, urban planning, art and design (4 credits) → **Theoretical models in architecture, urban planning, art and design (3 credits)** → **Traditions and innovations in the development of architecture, urban planning, art and design (3 credits)**

Discipline for choice (3 credits)

Discipline for choice (3 credits)

Defense (presentation) of the dissertation

Discipline for choice (3 credits) → **Discipline of free choice (3 credits)**

Research on the topic of dissertation

II. Scientific component of the educational and scientific program

The scientific component of the educational and scientific program involves the graduate student's own research under the guidance of one or two supervisors and registration of its results in the form of a dissertation.

The dissertation for the degree of Doctor of Philosophy is an independent research that offers a topical scientific problem in the specialty 022 "Design", the results of which are an original contribution to the amount of knowledge in the specialty 022 "Design" and published in relevant publications.

The scientific component of the educational and scientific program is designed in the form of an individual plan of scientific work of the graduate student and is an integral part of the curriculum of graduate school.

An integral part of the scientific component of the educational and scientific program of graduate school is the preparation and publication of scientific articles, presentations at scientific conferences, scientific professional seminars, round tables, symposiums.

Research topics in the specialty 022 Design:

1. Theory and history of design. Problems of understanding the processes of formation and development of material culture, the interaction of technology and art.
2. Historical and art basis of modern design.
3. Socio-cultural nature of design and artistic activities of the designer. Genesis and current trends.
4. Artistic-compositional and technological patterns of formation of the subject environment.
5. Modern forms and trends in design development.
6. Synthesis of directions of project-artistic activity in the context of formation of harmonious subject-spatial environment.
7. Stylistics and artistic means of design activities.
8. Foundations and principles of design objects, their stylistics and artistic features.
9. History and practice of Ukrainian graphic design.
10. Principles of formation of image and typographic systems in the design of visual communications.
11. Identification of the regions of Ukraine by means of graphic, subject-spatial and ecological design.
12. Patterns of development of form morphology and forecasting. design of design objects based on the study of historical development and modern concepts.
13. Means of visual information, graphic sign systems and elements for the subject-spatial environment and industrial products.
14. Complex formation of objects and systems of environment design of different types
15. Design of visual identification systems.

16. Ergonomic properties of the system "man-product-environment".

17. Subject-spatial environment for various purposes and its elements that are subject to design influence.

18. Specifics of interior design for different functional purposes.

19. Artistic and compositional solution of space and individual elements of the subject environment.

20. Harmonization of compositional and artistic solutions of visual identification systems.

21. Harmonization of compositional and artistic solutions of industrial products and elements of the subject-spatial environment.

22. Visualization of information in design and creation of graphic sign systems in the spatial environment.

23. Methods of creating the properties of design objects that determine their aesthetic, socio-cultural, ergonomic, functional and operational, marketing and environmental characteristics.

24. National ethno-artistic traditions of material culture in the context of modern trends in design and art.

25. Ecological design as a direction of designing a harmonious subject environment taking into account the requirements of environmental protection and culture.

26. Aesthetics and means of creating multimedia design objects.

27. Specific qualities of multimedia design objects.

28. Modern practice and prospects for the development of print design.

29. Modern design approaches and means of forming the interiors of public spaces.

30. Semiotics in design.

31. Formation, formation and development of corporate identity in Western Ukraine.

32. Development of graphic design in Galicia in the interwar period.

33. Advertising design in Ukraine, the specifics of visual communication depending on the periods of development.

34. Interior and equipment of sacred buildings of Ukraine.

35. Mass culture and its impact on the nature of the formation of the subject-spatial environment of the city.

36. Interdependence of elite and mass culture - their impact on the author's and serial design.

37. Intensification of the regions of Ukraine by means of graphic and subject-spatial design.

38. Interior and equipment of public buildings in historically formed cities.

39. Interpretation of ethnic motifs in graphic and multimedia design.

40. Archetypes in advertising design. Creation, formation and development of sign systems taking into account mental, ethnic and national factors.

III. Certification of postgraduate students

Certification of higher education candidates for the degree of Doctor of Philosophy is carried out by a specialized academic council, permanent or formed for one-time defense, on the basis of public defense of scientific achievements in the form of a dissertation.

Prerequisite for admission to the defense is the successful completion of the graduate student's individual curriculum.

Applicants for the degree of Doctor of Philosophy defend their dissertations, usually in a permanent specialized academic council in the relevant specialty, which operates in the higher education institution where the graduate student was trained. The Academic Council of a higher education institution has the right to submit to the National Agency for Quality Assurance in Higher Education documents for accreditation of a specialized academic council established for one-time defense, or apply to another higher education institution where a permanent specialized academic council operates.