STATE BORDER GUARD SERVICE OF UKRAINE
Bohdan Khmelnytskyi National Academy of
the State Border Guard Service of Ukraine

APPROVED BY THE ACADEMIC COUNCIL
OF THE ACADEMY
Head of the Academic Council
major-general _____Oleksandr LUTSKYI
(protocol №__ of «___» _____ 20__)

EDUCATIONAL-SCIENTIFIC PROGRAM
«Educational Sciences in a Border Guard Sphere»

LEVEL OF HIGHER EDUCATION   third
GRADE OF HIGHER EDUCATION   philosophy doctor
BRANCH OF KNOWLEDGE   01 EDUCATION
SPECIALITY   011 Educational science

The educational program comes into force on 01.08.2021
Rector of the National Academy
of the State Border Guard Service of Ukraine
major- general
_____ Oleksandr LUTSKYI
(order № ___ of «___» _____ 20__)

Khmelnytskyi 2021

Educational and professional program DEVELOPED

Project group leader colonel   Valentyna MIROSHNYCHENKO

Members of the project group   employee   Olexander TORICHNYI

                                         employee   Olexander DIDENKO

Educational and professional program INTRODUCED
Department of Psychology, Educational
and socio-economic disciplines
Protocol of _____ 20___. № _____

Educational and professional program AGREED
Head of the department - chief researcher of the scientific and organizational department
Colonel   Juryi DEMYIANIUK

PREFACE
Developed by a working group consisting of:

Miroshnichenko Valentyna Ivanivna - Doctor of Pedagogical Sciences, Professor, Head of the Department of Psychology, Pedagogy and Socio-Economic Disciplines of the Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine (guarantor of the educational program);

Didenko Oleksandr Vasyliovych - Doctor of Pedagogical Sciences, Professor, Chief Researcher of the Research Department of the National Academy of the State Border Guard Service of Ukraine named after Bohdan Khmelnytskyi (member of the working group);

Torichny Oleksandr Volodymyrovych - Doctor of Pedagogical Sciences, Professor, Professor of the Department of Psychology, Pedagogy and Socio-Economic Disciplines of the Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine (member of the working group).

Reviews-responses of external stakeholders were provided by:

1. **Figura Oleh Volodymyrovych** - Head of the Training Department and the Personnel Department of the State Border Guard Service Administration of Ukraine, Candidate of Pedagogical Sciences, Associate Professor.

2. **Kotseruba Dmytro Mykhailovych** - Head of the Main Personnel Training Center of the State Border Guard Service of Ukraine named after Major General Ihor Momot, Candidate of Pedagogical Sciences, Senior Researcher.

3. **Fedorenko Olena Ivanivna** - Head of the Department of Pedagogy and Psychology of Kharkiv National University of Internal Affairs, Doctor of Pedagogical Sciences, Professor.

Profile
educational program in the specialty «Educational sciences in a border guard sphere»
in the specialty 011 «Educational science»

1.General information	
Full name of the higher educational institution and structural unit	Bohdan Khmelnytsky National Academy of the State Border Guard Service of Ukraine. Department of Psychology, Pedagogy and Socio-Economic Disciplines
Higher education degree and title of qualification in the original language	Third (educational and scientific) level of higher education, Doctor of Philosophy (PhD) in educational, pedagogical sciences
The official name of the program	Educational, pedagogical sciences
Type of diploma and scope of the program	Doctor of Philosophy (PhD), single, 60 ECTS credits, study period 4 years
Availability of accreditation	-
Cycle / level	FQ-EHEA - third cycle, EQF-LLL - level 8 / NRC - level 8
Prerequisites	Higher education master's degree
Language (s) of instruction	Ukrainian
Term of the educational program	Until the renewal or implementation of a new educational program in connection with changes in the legal framework or the results of accreditation (not more than the accreditation period).
Internet address of the permanent placement of the educational program	http://www.nadpsu.edu.ua
2. Goal of the educational program	
The purpose of the program is to train a specialist in the degree of Doctor of Philosophy in the specialty 011 "Educational, pedagogical sciences", to form in the candidate of the degree of Doctor of Philosophy the competencies necessary for research, teaching in the border area, analytical work, scientific consulting in education, pedagogy	
3. Features of the educational program	
Subject area (field of knowledge, specialty, specialization)	Field of knowledge - 01 Education / pedagogy;
Orientation of the educational program	Specialty - 011 Educational, pedagogical sciences
The main focus of the educational program and specialization	**General:** - substantiation of theoretical bases and improvement of available educational technologies, which allows to increase the quality of personal knowledge at a higher theoretical and methodological level; - scientific substantiation of the content, forms, methods, means of education; - scientific substantiation of problems of modern education; - study, generalization and implementation of advanced pedagogical experience in educational institutions; - substantiation of bases of formation of pedagogical skill of scientific and pedagogical and pedagogical workers;

	- organization of different types of internships (introductory, educational, pedagogical, undergraduate) in educational institutions. Special: - research of innovative processes in education in the border area; - development of new and improvement of existing learning technologies to improve the quality of the educational process in the border area; - development of pedagogical bases of professional and creative development of the person in system of education in frontier sphere; - development and substantiation of the research component of training specialists for the purposeful formation of research competence of applicants; - substantiation of scientific bases of training and retraining of specialists in the system of distance education in the border sphere.
Peculiarities of the program	The peculiarity of educational programs is the training of specialists of the third (educational-scientific) level of higher education of the degree of Doctor of Philosophy in educational and pedagogical sciences in the border area, taking into account practical training in state border guards and units. Educational programs are unique because the training of officers-specialists of the third (educational-scientific) level of higher education of the degree of Doctor of Philosophy in educational, pedagogical sciences in the border area is carried out exclusively at the National Academy of the State Border Guard Service of Ukraine named after Bohdan.
4. Suitability of graduates **to employment and further training**	
Suitability for employment	Research and teaching activities in the border area. Administrative and managerial activities in the field of education in the border area. Positions of scientific and scientific-pedagogical employees of educational institutions, research institutions of the State Border Guard Service of Ukraine. Positions according to the classifier of professions State Classifiers 003: 2010 of Ukraine Place of employment: higher education institutions, higher military educational institutions, departmental educational institutions, research institutes.
Further training	Training for development and self-improvement in scientific and professional spheres of activity, as well as other related fields of scientific knowledge: - obtaining the degree of Doctor of Sciences; - educational programs, research grants and scholarships (including abroad) that contain additional educational components.
5. Teaching and assessment	
Teaching and assessment	Student-centered learning, problem-oriented learning, self-study, research-based learning. The volume of the educational component of the educational and scientific program of preparation of the doctor of philosophy makes 60 ECTS credits. Preparation and defense during the first year of study of the dissertation research project with the study of approaches and

	methods of achieving the goal. Discussion of intermediate research results during the second, third and fourth years of study. Mastering the methodology of scientific work, skills of presentation of its results. Conducting independent research using the resource base of the academy and other resources. Individual scientific guidance, support and advice by the supervisor.
	The approach to teaching and learning involves:
	- application of methods of modern educational technologies (interactive, critical thinking, project, portfolio, training, problem-based learning, case studies, quests, etc.) for productive mastery of different levels of competencies that provide their personality-oriented approach and development of thinking;
	- application of technology of educational designing with pair or group execution of projects and their protection in the conditions of wide group discussion;
	- organization of productive pedagogical interaction with scientific supervisors, scientific and pedagogical workers involved in the educational process;
	- involvement of well-known specialists in the field of pedagogical science and practice in advising graduate students;
	- direct participation in the implementation of budgetary and initiative research work.
Assessment	Certification of adjuncts is carried out in accordance with the curriculum for the training of doctors of philosophy in educational and pedagogical sciences.
	Educational component of the program. In the process of training doctors of philosophy use two forms of certification (intermediate and final):
	passing exams (based on the results of studying the compulsory educational components of the educational and scientific program) and tests (based on the results of studying the compulsory and elective educational components provided by the curriculum) in the disciplines of educational training, control work and essays, etc.
	Assessment of academic achievement is carried out: on a four-point national scale ("excellent", "good", "satisfactory", "unsatisfactory"); verbal scale ("credited", "not credited"); ECTS scale ("A", "B", "C", "D", "E", "FX", "F"); 100-point scale.
	Scientific component of the program. Evaluation of scientific activity of candidates for the degree of Doctor of Philosophy is carried out on the basis of reporting on the implementation of an individual plan for the implementation of the scientific component; design and defense of the dissertation.
	The final control of education is the public defense of scientific achievements in the form of a dissertation and the award of a degree of Doctor of Philosophy in the specialty 011 Educational, pedagogical sciences.
6. Program competencies	
6.1. Integral competence	
IC	Ability to solve problems in the field of education and / or research and innovation in the border area, which involves a deep rethinking of existing and the creation of new holistic knowledge and practice

	of educational activities to conduct their own research in the border area
	6.2. General competencies
GC-1	Ability to independently perform theoretical and / or experimental research in the areas of educational, pedagogical sciences in the border area; ability to prepare scientific publications on relevant topics for scientific publications; ability to use normative-legal and program-methodical documents that define work in a scientific institution and institution of higher education; determine the purpose of innovative educational / pedagogical activities, justify the need for changes in scientific work.
GC-2	Possession of advanced conceptual and methodological knowledge in the field of research and / or educational activities; ability to generalize, critically think, analyze and synthesize to understand processes and phenomena in education, develop and implement projects, including own research, which give the opportunity to rethink existing and create new holistic knowledge and / or professional practice and solve significant social, scientific, cultural, ethical and other issues.
GC-3	Ability to conduct scientific discussions with the general scientific community and the public in a particular field of scientific and / or professional activities, to persuade and influence other members of the team; initiation of innovative complex projects, leadership and full autonomy during their implementation; social responsibility for the results of strategic decisions; ability to improve and develop their intellectual and general cultural level throughout life, taking into account the norms and values of domestic and foreign educational systems, the ability to generate new ideas (creativity); find compromise solutions and take responsibility for their implementation.
GC-4	Ability to master the culture of scientific research in the field of education; develop and manage projects; to improve and develop professional, intellectual and cultural levels. Ability to work with a system of information resources for research, to apply and improve information technology in accordance with the needs of dissertation research.
GC-5	Ability to present research results and discuss with professionals in state and foreign (English) languages (orally and in writing), as well as for a full understanding of foreign scientific texts, the ability to objectively evaluate the results of their own research and the results obtained by others scientists. Ability to use modern methods and technologies of scientific communication in Ukrainian and foreign languages in oral and written forms. Ability to generate new ideas and non-standard approaches to their implementation.
GC-6	Mastering pedagogical and general scientific (philosophical) competencies aimed at forming a systematic scientific worldview, professional ethics and general cultural outlook. Acquisition of ability to pedagogical activity; ability to build constructive interaction with applicants for higher education. Implementation of the image component.
	6.3. Special (professional, subject) competencies
SC-1	Ability and willingness to generate educational research projects, creatively apply new and well-known forms, methods and tools, teaching methods in order to create conditions for motivating higher education students to study, provide adult education, training and retraining.
SC-2	Ability to diagnose pedagogical phenomena, to recognize signs of conflict in the educational environment, the skills of organizing the psychological interaction of its participants to keep the contradiction in line with a productive solution.
SC-3	Ability to assess the effectiveness of educational systems of the past, to use the experience of historical and pedagogical heritage in modern military-pedagogical practice.

SC-4	Ability and willingness to develop innovative technologies, didactic tools to ensure the educational process, psychological scenarios for solving problem pedagogical situations. Ability to pedagogical communication.
SC-5	Ability to test the results of scientific research, their dissemination and implementation in educational practice in the border area. Ability to evaluate the effectiveness of scientific research using the methods of mathematical statistics.
SC-6	Possession of theoretical bases of realization of the organization of management of educational processes in the higher military educational institution. Ability to develop and implement research projects and programs in the field of military education. Ability to manage research projects.
SC-7	Ability to adhere to the ethics of scientific research and the principles of integrity in scientific and pedagogical activities. Ability to form one's own image and the image of an educational institution. Ability to self-education and self-education.
SC-8	Ability to monitor pedagogical phenomena and processes, behavior of teachers and students of higher education
	7. Program learning outcomes
PLO-1	Posses a methodology of science for the analysis of social processes and problems, establishing their cause-and-effect relationships. Identify, set and solve scientific problems and problems in the field of education. Organize own research and implementation of collective research projects. Manage research projects, develop proposals for research funding.
PLO-2	Be able to lead discussions and polemics, make public speeches, make reports and reports on dissertation research, argue their own point of view in Ukrainian, publicly present the results of scientific research, form their own scientific image. Improve and develop your intellectual and cultural level.
PLO-3	To formulate a scientific problem, to develop conceptual bases, to put forward working hypotheses of the researched pedagogical problem, to choose methods of scientific research in the field of military education and pedagogy. Have research methods and apply them depending on the specifics of the analyzed object and available information.
PLO-4	Formulate the concept of scientific research, determine the stages of experimental work; to organize information search, independent selection and high-quality processing of scientific information, empirical data and their interpretation; to organize research work on generalization of pedagogical experience of educational or upbringing institution, educational structure, etc .; to design, organize and evaluate the implementation of stages of pedagogical experimental work with the use of innovative technologies.
PLO-5	Build an effective system of information resources for research, critically analyze and evaluate, interpret, systematize and use; synthesize new ideas; prepare scientific publications, develop and apply information and communication technologies to ensure an effective educational process.
PLO-6	Apply information technology, search, structure and process information; work with different information resources in accordance with the needs of dissertation research. Apply software in research activities, develop the ability to purposefully search and systematize information related to pedagogical activities.
PLO-7	Implement the results of scientific research and evaluate their effectiveness, test the results of scientific research, their implementation in the practice of military pedagogical activities.
PLO-8	To use normative-legal and program-methodical documents that define work in a scientific institution and educational institution; justify the need to make planned changes in research and educational activities.
PLO-9	Carry out work with international databases of scientific information for conducting scientific research and registration of information obtained from foreign sources in the

	form of scientific articles, abstracts, annotations, reports; to generalize current scientific problems and critically evaluate the results obtained by foreign researchers.
PLO-10	Know a foreign language for academic purposes, namely: the ability to read scientific texts (primary sources), annotate and review them; listen to and take notes of lectures; prepare and conduct presentations and seminars. Carry out professional scientific communication in a foreign language on topics related to the specialty.
PLO-11	Present the results of their own research in a foreign language, produce and competently design a variety of scientific texts in a foreign language (abstracts, articles, annotations, dissertation sections) in accordance with modern requirements; have spelling, orthoepic, lexical, phonetic, grammatical and stylistic norms of modern foreign language.
PLO-12	Carry out effective communication in various communication environments; competently structure and present ideas in educational, scientific and scientific works; identify the features of the communicative process, identify and characterize the specifics of scientific communication
PLO-13	Carry out automated control and correction of educational achievements with the help of electronic testing systems; to manage the educational and cognitive activities of students (listeners) with the help of information and communication educational technologies
PLO-14	Generate, design and creatively apply new and known forms, methods and teaching aids; to develop innovative educational technologies, didactic tools to ensure an effective educational process; to introduce innovative techniques in the pedagogical process in order to create conditions for effective motivation for higher education.
PLO-15	Apply, monitor, evaluate the effectiveness of modern innovative educational technologies and teaching aids. Evaluate the effectiveness of innovation processes in education; diagnose processes, situations and problems of professional activity.
PLO-16	Have a methodology of comparative research to analyze, summarize and compare foreign educational trends, processes and problems, to establish their cause-and-effect relationships. Interpret, systematize, summarize, critically evaluate, compare and use the information obtained on trends, processes, patterns, principles and problems of foreign educational systems
PLO-17	Generate, design and creatively apply new and well-known forms, methods and tools of teaching, develop innovative technologies, didactic tools to ensure adult education. Diagnose the processes, situations and problems of adult education, evaluate the effectiveness of training and retraining.
PLO-18	Design and model ways of psychological interaction in educational systems. To exercise control and psychological and pedagogical assessment as a form of management of educational and cognitive activities.
PLO-19	To carry out teaching activities in higher education, to have ways to interact with the team and individual students of higher education. Manage the audience using verbal and nonverbal techniques of scientific presentation. Publicly present the results of scientific research Have a method of creating multimedia presentations.
PLO-20	Застосовувати методи математичної статистики у психолого-педагогічних дослідженнях і при розв'язуванні фахово-орієнтованих завдань з доведенням розв'язків до практично прийнятного результату (формула, число, графік); проводити аналіз, систематизацію та опис вихідної інформації про досліджувану систему та умови експерименту. Упроваджувати результати наукових досліджень і оцінювати їх ефективність.
PLO-21	Creatively apply new and well-known forms, methods and means of teaching and education, develop pedagogical technologies, didactic tools to ensure an effective educational process in higher military education. Apply modern educational technologies and didactic tools for training servicemen of different categories.
PLO-	Monitor the educational processes in general and the training activities of servicemen in

22	particular, evaluate the effectiveness of innovation processes in higher military education; diagnose processes, situations and problems of professional pedagogical activity.
PLO-23	Demonstrate pedagogical culture, ethical behavior of the teacher. Identify, set and solve scientific problems and problems in the field of military pedagogy, training of servicemen. To manage the processes of educational activity, upbringing and personal development of the applicant for higher education.
PLO-24	Evaluate the effectiveness of educational systems of the past, highlight the main trends in a particular historical and pedagogical period, extrapolate the experience of historical and pedagogical heritage of the past to modern military and pedagogical practice, have their own attitude to different historical and pedagogical concepts.
PLO-25	Rationally plan pedagogical activity, define its tasks, create optimal conditions for activity; to realize opportunities of self-management, self-education.
8. Resource support for program implementation	
Staffing	Staffing meets the licensing conditions in terms of staffing requirements for educational activities at the third educational and scientific level of higher education. The qualitative composition of scientific and pedagogical workers who carry out professional training of doctors of philosophy of the educational program "Educational sciences in frontier sphere", corresponds to license conditions (according to the current specifications for preparation of applicants for higher education at the third (educational and scientific) level doctor of philosophy (PhD) Resolution of the Cabinet of Ministers of Ukraine № 1187 of December 30, 2015 "On approval of licensing conditions for educational activities of educational institutions").
Material and technical support	The educational process is provided by 13 scientific and pedagogical workers of the academy departments: 8 of them are doctors of sciences, professors, 1 is a doctor of sciences, associate professor, 4 are candidates of sciences, associate professors. Scientists who ensure the implementation of the program have the appropriate basic education, the required number of publications in Scopus, WebofScience, professional, scientometric publications, take an active part in scientific and practical conferences of various levels (international, national, regional). All scientific and pedagogical workers (scientists), in accordance with the established schedules, undergo advanced training in higher education institutions of Ukraine and abroad.
Information, educational and methodical support	Applicants for higher education can use the funds of the library of the National Academy of the State Border Guard Service of Ukraine named after Bohdan Khmelnytsky. According to the current standards for the preparation of applicants for higher education at the third (educational and scientific) level, Doctor of Philosophy (PhD) (Resolution of the Cabinet of Ministers of Ukraine № 1187 of December 30, 2015 "On approval of licensing conditions for educational activities of educational institutions") textbooks, manuals, professional periodicals, reference and other educational literature. The amount of funds is sufficient for independent and individual work of associate professors. Applicants have the opportunity to use the funds of the electronic library, which includes scientific and scientific-methodical publications of leading domestic and foreign scientists, teachers of the academy. The

	educational program is provided with informational and educational-methodical materials, including electronic educational-methodical complexes in the system of the modular environment for training.
9. Academic mobility	
National credit mobility	The existence of bilateral agreements between higher education institutions of Ukraine ensures national credit mobility. It is allowed to credit credits received in other free economic zones of Ukraine, provided that the relevant learning outcomes are achieved. Individual academic mobility is implemented within the framework of interuniversity agreements / contracts / memoranda on establishing scientific and educational relations to meet the needs of education and science with the following institutions: National Academy of the National Guard of Ukraine (Kharkiv), Ivan Chernyakhovskyi National University of Defense of Ukraine. (Kyiv), Kamyianets-Podilskyi National University named after I. Ogienko, Lviv State University of Internal Affairs, Institute of Informational Technologies and Teaching Aids of the National Academy of Pedagogical Sciences of Ukraine (Kyiv), National Academy of Land Forces named after Hetman P. Sagaidachny (Lviv), Kirovohrad Flight Academy of the National Aviation University, Institute of Public Protection of Ukraine, Taras Shevchenko National University (Kyiv), Lviv Polytechnic National University (Lviv), Ukrainian Academy of Science (Kyiv), Vinnytsia Academy of Continuing Education (Vinnytsia), Academy of State Penitentiary service and NASBGS of Ukraine (m. Chernihiv), State Research Institute of the Ministry of Internal Affairs of Ukraine, State Research Institute of the Ministry of Internal Affairs of Ukraine (Kyiv), National Academy of Security Service of Ukraine (Kyiv).
International credit mobility	The existence of bilateral agreements between higher education institutions of Ukraine ensures national credit mobility. It is allowed to credit credits received in other free economic zones of Ukraine, provided that the relevant learning outcomes are achieved. International credit mobility and international educational and scientific-technical cooperation of the academy is provided in accordance with the signed international documents, in particular: Memorandum of Understanding and Cooperation between educational institutions of a number of EU member states and Eastern Partnership countries (since 2017); Protocol between the National Academy of the State Border Guard Service of Ukraine named after B. Khmelnytskyi and the Higher School of International Relations and Public Communication (Chelm, Republic of Poland, since 2011); Understanding between the National Academy of the State Border Guard Service of Ukraine named after B. Khmelnytskyi and the Higher School of Police (Szczytno, Republic of Poland, since 2011); Annual plan of cooperation between the National Academy of the State Border Guard Service of Ukraine named after B. Khmelnytsky and the Training Center named after Soldiers of the Border Guard Corps of the Border Guard (Kętrzyn, Poland).
Training of foreign students obtaining higher education	Not provided

2. List of components of the educational program and their logical sequence

2.1. List of components of the educational program

Code EC	Component of the educational program (academic disciplines, courseworks (projects), practices, qualification work)	Number of credits	Form of final control
1	2	3	4
1. Mandatory educational components **1.1. General educational components**			
EC 01	Philosophy and methodology of science	4	Exam
EC 02	Organization of scientific activity in the field	5	Exam
EC 03	Fundamentals of scientific communication	3	Differentiated credit
EC 04	Foreign language of scientific communication	8	Exam
Total amount of educational component		**20**	
1.2. Proffessional educational components (according to a major)			
EC 05	Information technologies in scientific research	3	Differentiated credit
EC 06	Current problems of higher military pedagogy	3	Exam
EC 07	Modern philosophical and educational trends	4	Exam
EC 08	Educational research projects	3	Exam
EC 09	Leadership in military education	3	Differentiated credit
EC 10	Practical training	4	Differentiated credit
Total amount of proffessional educational component		**20**	
TOTAL AMOUNT OF MANDATORY EDUCATIONAL COMPONENTS		**40**	

2. Selective educational components

1	2	3	4
	Selective EC 3 semester (The applicant chooses 5 disciplines from a list of 15 disciplines)	**15**	According to the educational program
Total amount of selective educational component		**15**	
TOTAL AMOUNT OF EDUCATIONAL PROGRAM		**55**	

2.2. Structural and logical scheme

Шифр за ОНП	Distribution of disciplines by months																			
	1 semester				2 semester						3 semester				4 semester					
	9	10	11	12	1	2	3	4	5	6	9	10	11	12	1	2	3	4	5	6
EC 01	4 credits																			
EC 02	5 credits																			
EC 03					3 credits															
EC 04					4 credits						4 credits									
EC 05					3 credits															
EC 06																3 credits				
EC 07					4 credits															
EC 08	3 credits																			
EC 09																3 credits				
EC 10																4 credits				
SEC 01											15 credits									
SEC 02																				
SEC 03																				
Total Semester	12 credits				14 credits						19 credits				10 credits					
Total EC	55 credits																			

3. Form of Certification of Applicants for Higher Education

The postgraduate training ends with a conclusion about the scientific novelty, theoretical and practical significance of the dissertation results.

Forms of certification of applicants for higher education	Certification of graduates of the educational-scientific program "Educational science in the border area" specialty 011 Educational, pedagogical sciences is carried out in the form of public defense of scientific achievements in the form of a dissertation in accordance with the Order of the Ministry of Education and Science №40 from 12.01.2017 "On approval"
Requirements for public protection	The defense of the dissertation takes place in public at a meeting of the specialized academic council, which has the authority in the specialty 011 Educational, pedagogical sciences. The candidate for the degree of Doctor of Philosophy has the right to choose a specialized academic council. The dissertations of candidates for the degree of Doctor of Philosophy, as well as the feedback of opponents are published on the official website of the institution of higher education in accordance with the law. Mandatory prerequisite for admission to the defense of the dissertation is the approbation of research results and main conclusions at scientific conferences and their publication in professional scientific journals, including those included in scientometric databases, in accordance with the requirements of the Ministry of Education and Science of Ukraine. The defense of the dissertation should be in the nature of an open scientific discussion, in which the chairman and members of the council are obliged to participate, as well as, if desired, present at the meeting. A meeting of the council is considered valid in case of participation in it and voting of the full membership of the council.
Requirements for qualification work	The dissertation of the Doctor of Philosophy involves solving a topical theoretical and / or applied problem in the field of education and

	demonstrates the ability of the researcher to conduct independent research, formulate new complex ideas and justify them. The dissertation should not contain academic plagiarism, falsification, fabrication. The dissertation must meet the requirements established by law.	

4. Matrix of correspondence of competencies to program learning outcomes

	EC 01	EC 02	EC 03	EC 04	EC 05	EC 06	EC 07	EC 08	EC 09	EC 10
GC 1	+	+	+		+			+		+
GC 2	+	+			+			+		+
GC 3		+	+		+		+	+	+	+
GC 4		+	+		+			+		+
GC 5				+						+
GC 6	+	+	+			+			+	+
PC 1						+	+			+
PC 2						+			+	+
PC 3						+	+			
PC 4			+			+		+	+	+
PC 5		+						+		
PC 6						+	+	+	+	+
PC 7		+	+			+				+
PC 8						+				+

5. Matrix for providing program learning outcomes with components of the educational program

	EC 01	EC 02	EC 03	EC 04	EC 05	EC 06	EC 07	EC 08	EC 09	EC 10

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						+		+		+
PLO-22						+	+			+
PLO-23						+			+	+
PLO-24	+					+	+		+	+
PLO-25						+	+		+	+

Guarantor of the educational and scientific program Valentina MIROSHNICHENKO

2.2 Structural and logical scheme of the educational component of the educational and scientific program

		1 semester	2 semester	3 semester	4 semestr

General scientific component

ООК 01 «Філософія та методологія науки»
кількість кредитів – 4 екзамен

ООК 02 «Організація наукової діяльності в галузі»
кількість кредитів– 5 екзамен

ООК 03 «Основи наукової комунікації»
кількість кредитів –3 залік

ООК 04 «Іноземна мова»
кількість кредитів –4 екзамен

ООК 04 «Іноземна мова»
кількість кредитів –4 екзамен

ОБОВ'ЯЗКОВІ КОМПОНЕНТИ — Professional component

ООК 05 «Інформаційні технології у наукових дослідженнях»
кількість кредитів –3 екзамен

ООК 08 «Освітні наукові проекти»
кількість кредитів –3 екзамен

ООК 06 «Актуальні проблеми педагогіки вищої військової школи»
кількість кредитів –3 екзамен

ООК 07 «Сучасні філософсько-освітні напрями»
кількість кредитів –4 екзамен

ООК 09 «Лідерство у військовій освіті»
кількість кредитів –3 залік

ООК 10 «Практична підготовка»
кількість кредитів –4 залік

SELECTIVE COMPONENTS

Кількість кредитів вільного вибору 15