

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

APPROVED BY THE ACADEMIC COUNCIL

Head of the Academic Council

major general _____ Oleksandr LUTSKYI
(protocol № 14 from «25» May 2020)

EDUCATIONAL PROGRAM

«State border security

the third (educational-scientific) level of higher education of the
degree of Doctor of Philosophy

Specialty 252 “State Border Security”

Field of Study 25 “Military Science, National Security,
State Border Security”

Educational Program is put into effect 01.08.2020

Rector of the National Academy of the State

Border Guard Service of Ukraine

major general _____ Oleksandr LUTSKYI

(order № 137 from «7» June 2020)

with changes to the educational and scientific program

(order №46 from «26» May, 2016)

Khmelnytskyi 2020

**LETTER OF APPROVAL OF
EDUCATIONAL AND SCIENTIFIC PROGRAM**

Educational and scientific program DEVELOPED

Head of the project group

Volodymyr KYRYLENKO

**Members of the
project group**

Valentyn MAZUR

Borys OLEKSIENKO

Educational program is INCLUDED

Research department

Protocol of «01» May, 2020, №4

Head of the research department

colonel

Yurii Demianiuk

Educational program is APPROVED

Head of the Educational Department

colonel

Andrii SOROKA

PREFACE

Approved and entered into force by the decision of the Academic Council of the Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine, the protocol of «19» May 2016 №13, the order of «26» May 2016, № 46.

Updated and entered into force by the decision of the Academic Council of the Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine, the protocol of «15» May 2020 №14, the order of «07» July 2020 № 137.

Entered into force temporarily before the introduction of the standard of higher education in the specialty 252 State Border Security for the third (educational and scientific) level of higher education (Doctor of Philosophy) in the field of knowledge 25 Military Sciences, National Security, State Border Security.

Developed by the working group consisting of:

The program was developed by the project group of the Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine on developing an educational and scientific program in the specialty 252 State Border Security.

Project team leader (guarantor of educational and scientific program) – chief researcher of the research department, employee of the State Border Guard Service of Ukraine Volodymyr KYRYLENKO, doctor of military sciences, professor.

Project team members:

Head of the Advanced Training Institute, colonel Valentyn MAZUR, doctor of Military Sciences, associate professor;

Chief researcher of the research department, employee of the State Border Guard Service of Ukraine Borys OLEKSIENKO, doctor of Military Sciences, professor.

Reviews of external stakeholders are provided by:

HORODNOV Viacheslav – professor of the Tactics Department of the National Academy of the National Guard of Ukraine, doctor of Military Sciences, professor;

LOBANOV Anatolii – professor of Troop Management Department of the Institute of State Military Administration of the Ivan Cherniakhivskyi National Defense University of Ukraine, doctor of Military Sciences, professor;

FIHURA Oleh – Head of the Professional Training Department of the Personnel Department of the Administration of the State Border Guard Service of Ukraine, candidate of Pedagogical Sciences, associate professor.

**1. Profile of the educational program in the specialty
252 State border security**

Components	Description of educational program
1 – General information	
Full name of the higher education institution and structural unit	Bohdan Khmelnytskyi National Academy of the State Border Guard Service of Ukraine, Department of Postgraduate and Doctoral Studies
Ступінь вищої освіти та назва кваліфікації мовою оригіналу	Third (educational) level of higher education Higher education degree of Doctor of Philosophy on State Border Security
Official name of the educational program	State border security
Type of diploma and scope of the program	Doctor of Philosophy diploma, single, 60 ECTS credits (volume of educational component), 4 years (total term of study)
Availability of accreditation	Requires accreditation, the program was implemented in 2016
Cycle/level	NQF of Ukraine– 8 level, FQ-EHEA – third cycle, EQF-LLL – 8 level
Background	Having a master or specialist degree
Language of instruction	Ukrainian
Term of the educational program	Until the renewal or introduction of a new program in connection with the approval of the higher education standard, with changes in the regulatory framework, the results of accreditation, at the request of the customer (not more than the accreditation period)
Internet address of the permanent placement of the educational program description	https://nadpsu.edu.ua/
2 – Aim of the educational program	
Training of scientific and scientific-pedagogical staff of the highest qualification in the field of military sciences, national security and security of the state border	
3 – Program features	
Subject area	Methodology of military-scientific search in the field of state border security, as well as scientific and pedagogical activities in the specialty of State Border Security. The object of program study is the security of the state border. Theoretical content of the subject area: paradigms, concepts, strategies for ensuring the security of the state border. Field of knowledge – 25 Military Science, National Security, State Border Security. Specialty – 252 State border security

<p>Orientation of the educational program</p>	<p>Program aimed at: training of highly qualified specialists in the field of military sciences, national security and state border security; research activities and acquisition of competencies to independently conduct research in compliance with the norms of scientific ethics and academic integrity; gaining experience in organizing the educational process in a higher military educational institution</p>
<p>The main focus of the educational program and specialization</p>	<p>Higher education of the third (educational-scientific) level in the field of knowledge 25 Military sciences, national security, security of the state border on a specialty 252 Security of the state border. <i>Key words:</i> security (border, military, state border), border security, protection of the state border and sovereign rights of Ukraine in its exclusive (maritime) economic zone, operational and service activities</p>
<p>Program features</p>	<p>Specialists training in the degree of Doctor of Philosophy in State Border Security is carried out through a comprehensive combination of traditional teaching methods and innovative pedagogical technologies. Execution of search, calculation and creative tasks using modern information technologies, work with databases of bibliographic, statistical and other types of data, passing pedagogical practice, approbation of results of independent scientific researches at scientific conferences, seminars, laboratory and proving tests on specialty Security of state border</p>
<p>4 – Suitability of graduates to employment and further training</p>	
<p>Suitability of graduates to employment</p>	<p>The ordering party of military post-graduate student training is the Administration of the State Border Guard Service of Ukraine</p>
<p>Prospects for military post-graduate student employment</p>	<p>The results of the educational program of the implementation of training doctors of philosophy in state border security are the assignment of appropriate academic and professional qualifications according to the Classifier of Professions</p>
<p>Further training</p>	<p>The degree of Doctor of Philosophy allows in the future to obtain the second scientific degree of higher education of the third (educational) level of Doctor of Science</p>
<p>5. Teaching and assessment</p>	

<p>Teaching and assessment</p>	<p>The study of the research methodology and scientific-pedagogical activities is carried out on the basis of lecture courses, seminars, consultations and self-guided work.</p> <p>Systematized scientific guidance and consulting of leading scientists and pedagogical staff of the institution.</p> <p>The educational and scientific program of doctors of philosophy training in the specialty includes educational, scientific and practical components.</p> <p>1. The educational component provides an increase in the educational level in the specialty and contains general scientific, professional components and academic disciplines of military post-graduate student selection, which increase the professional level and deepen their knowledge.</p> <p>2. The scientific component ensures that a person acquires the knowledge, skills and abilities necessary to produce new ideas, conduct scientific research, in the field of state border security.</p> <p>The scientific component contains:</p> <ul style="list-style-type: none"> experimental research work (including participation in SRW and RCW); publication of articles in the field of dissertation research; dissertation preparation; approbation of dissertation research results (participation in domestic and international conferences, laboratory and field tests, business games and command and staff exercises). <p>3. The practical component allows you to gain skills and consolidate skills in scientific and pedagogical activities in the process of learning and pedagogical practice.</p>
<p>Practical training</p>	<p>Pedagogical practice is aimed at obtaining, deepening and consolidating the knowledge of military post-graduate students on the organization and forms of educational process in modern conditions, it's scientific, educational, methodological and regulatory support, the formation of skills and abilities to develop scientific and information sources in preparation for classes, the use of active methods of teaching disciplines in the relevant field.</p> <p>Passage of pedagogical practice assumes performance by the military post-graduate student of the following types of scientific and pedagogical activity:</p> <ul style="list-style-type: none"> organization of the educational process;

	<p>preparation and conducting of group, practical and seminar classes;</p> <p>development of educational and methodical material to provide group, practical, seminar classes, tests, business games (command and staff exercises), current and final control measures.</p> <p>4 ECTS credits are allocated for pedagogical practice</p>
Assessment	<p>Certification of military post-graduate students is carried out in accordance with the curriculum for the training of doctors of philosophy in state border security.</p> <p>In the process of training doctors of philosophy use two forms of certification (intermediate and final) are used:</p> <p>preparation of exams, tests and modular tests in the disciplines of the educational component of training, reports and abstracts, etc.;</p> <p>reporting on the conducting the individual plan for the implementation of the scientific component;</p> <p>design and defense of the dissertation.</p> <p>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</p>
6 – Program competencies	
Integral program competencies	<p>IC Ability to identify and solve problems in the field of professional and/or research and innovation activities in the field of state border security, which involves a deep rethinking of existing and creation of new holistic knowledge, as well as conducting their own research, the results of which have scientific and practical significance state border security</p>
General competencies (GC)	<p>GC1 Ability to abstract thinking, analysis and synthesis, independently perform theoretical and/or experimental research in the field of state border security using general scientific and specific methods based on mastered basic concepts and understanding of theoretical and practical problems, history and current state of scientific knowledge in the specialty, to use the results of scientific research in other fields of knowledge to achieve the goal of their own research, to effectively use modern research methodology, to the optimal search for the necessary information</p>
	<p>GC2 Ability to establish professional communication, develop their own style of communication on a dialogical</p>

	<p>basis, reasonably and convincingly defend their own scientific beliefs, qualified to reflect the results of scientific research in scientific articles and abstracts, professionally present the results of their research, demonstrate the culture of scientific oral and written language in the design of scientific and academic texts, demonstration of research results in the course of discussions and scientific controversy, as well as to a full understanding of foreign scientific texts in the field of state border security.</p>
	<p>GC3 Ability to manage the scientific and scientific-pedagogical staff, to develop and manage projects, to make managerial decisions, as well as to effectively organize scientific and scientific-technical activities, to interpret the results of experiments and to participate in discussions with experienced scientists in the field of military management on scientific significance and potential consequences of the obtained results.</p>
	<p>GC4 Ability to carry out scientific and pedagogical activities and develop educational and methodological support, conduct group, practical, seminar classes (exercises), comprehensive consultations, manage independent work, as well as participate in complex operational and tactical tasks, business games (command and staff exercises)).</p>
	<p>GC5 Ability to adhere to the norms and rules of scientific and everyday ethics in their own professional activities, business communication, interpersonal relationships, to strict compliance with the norms of scientific integrity.</p>
	<p>GC6 Ability to effectively use modern information technologies in scientific activities and scientific and pedagogical activities.</p>
<p>Professional competencies PC</p>	<p>PC1 Ability to use the acquired scientific, theoretical and applied knowledge to study and conduct research in the field of operational and service activities of law enforcement agencies and military formations, as well as its provision.</p>
	<p>PC2 Ability to freely use terminology in the research area in a foreign language, to present the results of their own research and discuss them with scientists in a foreign language.</p>
	<p>PC3 Ability to apply research methods in the study of problems in the field of state border security.</p>

	<p>PC4 Ability to improve existing and create new models and methods that can be used to study the problems of operational and service activities of bodies and departments of the SBGS.</p>
<p>7 – Program learning outcomes</p>	
<p>LO1 Have advanced conceptual and methodological knowledge in the field of military management at the crossroads of subject areas, as well as research skills sufficient to conduct scientific and applied research at the level of the latest world achievements in the field, gain new knowledge and/or innovate</p>	
<p>LO2 Freely present and discuss with specialists and non-specialists the results of research, scientific and applied problems of military administration and law enforcement agencies in the state and foreign languages, qualified to reflect the results of research in scientific publications in leading professional scientific journals</p>	
<p>LO3 Plan and perform experimental and/or theoretical research on state border security and related interdisciplinary areas using modern tools, critically analyze the results of their own research and the results of other researchers in the context of the whole set of modern knowledge on the research problem</p>	
<p>LO4 Develop, improve and research conceptual, mathematical and computer models of processes and systems, effectively use them to gain new knowledge and/or create innovative products in the field of state border security and related interdisciplinary areas</p>	
<p>LO5 Free identification of scientific problems, understanding of general principles and methods, as well as the methodology of scientific research, their application in their own research and in pedagogical practice</p>	
<p>LO6 To have skills and abilities on the organization and forms of educational process in modern conditions, its scientific, educational-methodical and normative providing, processing of scientific and information sources at preparation of employment, application of teaching active methods of educational disciplines.</p>	
<p>LO7 Develop and implement scientific and/or innovative projects that provide an opportunity to rethink existing and create new holistic knowledge and/or professional practice and solve significant scientific and technological problems in the field of state border security in compliance with academic ethics and social, economic, environmental and legal aspects.</p>	
<p>LO8 Know the principles of research funding and the structure of estimates for its implementation, the ability to prepare a request for funding, reporting documentation.</p>	
<p>LO9 Ability to formulate the general methodological basis of own scientific research, to realize its urgency, the purpose and value for development of other scientific branches.</p>	
<p>LO10 Ability to formulate working hypotheses of the researched problem, which should expand and deepen the state of scientific research in the chosen field.</p>	
<p>LO11 Monitor scientific sources of information on the research problem.</p>	
<p>LO12 Define methodological principles and research methods depending on the object and subject, using interdisciplinary approaches</p>	

LO13 Understanding of the processes of functioning and management of the system of operational and service activities of bodies and divisions of the SBGS, strategic and rational directions of their improvement taking into account the latest world achievements.	
LO14 Awareness of modern advanced, conceptual and methodological knowledge in the field of research and/or professional activities and on the border of subject areas of knowledge in the field of state border security.	
LO15 Knowledge of the foreign and domestic scientists' works, scientific schools and fundamental works in the field of state border security research.	
LO16 Knowledge of development and implementation methods of perspective systems of organization and management of operational and service activity of bodies and divisions of the State Border Guard Service of Ukraine.	
LO17 Methodological principles knowledge and methods of substantiation of requirements to the composition and use of forces and means of operational and service activities of bodies and subdivisions of the State Border Guard Service of Ukraine.	
LO18 Ability to communicate in dialogue with the general scientific community and the public in a particular field of scientific and/or professional activities.	
LO19 Qualified to reflect the results of scientific research in scientific articles published both in professional domestic publications and in publications that are part of international scientometric databases.	
LO20 Apply information technology, modern methods of modeling and forecasting using the latest application packages and software products for scientific substantiation and confirmation/refutation of hypotheses, in scientific, educational (pedagogical) and professional activities.	
8 – Resource support for program implementation	
Staff	To implement the educational and scientific program at the academy there are departments: border security, national security and administration, martial arts, foreign languages, psychology, pedagogy and socio-economic disciplines, vehicles and engineering support of state border protection, telecommunications and information systems, general science and engineering disciplines, logistics. The departments are staffed with scientific and pedagogical personnel with scientific degrees and academic titles, as well as highly qualified specialists.
Logistics	Logistics meets the regulatory requirements for educational and research activities in higher education. Provision of training facilities (including specialized classrooms and training laboratories), computer workstations, multimedia equipment meets the needs. All the necessary social and household infrastructure is available: libraries with a reading room, canteens, a center

	of culture and leisure, an assembly hall, sports halls and playgrounds, a NASBGSU hospital.
Information, educational and methodical support	All disciplines are 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. Credits received at other universities of Ukraine may be credited, provided that their acquired competencies correspond.
International credit mobility	In the framework of cooperation with the European Agency for the Protection of the External Borders of the European Union Frontex Member States, and on the basis of joint agreements between the NASBGSU and partner universities.
Training of foreign applicants for higher education	It is provided in case of concluding international agreements with observance of the secrecy regime

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

2.1. List of components of the educational program

EC code	Educational components	Number of credits	Form of final control
Mandatory educational components			
<i>General scientific component</i>			
OOK 01	<i>Academic discipline</i> «Philosophy and methodology of science»	4	Exam
OOK 02	<i>Academic discipline</i> «Organization of scientific research in the field»	5	Exam
OOK 03	<i>Academic discipline</i> «Fundamentals of scientific communication»	3	Differentiated credit
OOK 04	<i>Academic discipline</i> «Foreign Language»	4	Credit
OOK 05	<i>Academic discipline</i> «Information technologies in scientific research»	3	Differentiated credit

EC code	Educational components	Number of credits	Form of final control
OOK 06	<i>Academic discipline</i> «Methods of teaching in high school»	3	Differentiated credit
Total amount of required components		22	
<i>Professional component</i>			
OOK 07	<i>Academic discipline</i> «Theoretical and applied problems OSA SBGSU»	3	Differentiated credit
OOK 08	<i>Academic discipline</i> «Theoretical and applied problems of providing OSA SBGSU»	6	Exam
OOK 09	<i>Academic discipline</i> «Research methods»	6	Exam
OOK 10	<i>Academic discipline</i> «Foreign language of scientific communication»	4	Exam
OOK 11	Practical training	4	Захист практики
Total amount of professional components		23	
Selective educational components			
BOK	Educational disciplines	15	According to the Curriculum
Total amount of selective educational components		15	
<i>Total educational component</i>		60	
Development and defense of qualification work		60	

2.2. Structural logical scheme

	1 семестр	2 семестр	3 семестр	4 семестр
1. ОБОВ'ЯЗКОВІ ОСВІТНІ КОМПОНЕНТИ	<p>ООК 01 «Філософія та методологія науки» Кількість кредитів 4</p> <p>ООК 02 «Організація наукових досліджень в галузі» Кількість кредитів 5</p>	<p>ООК 03 «Основи наукової комунікації» Кількість кредитів 3</p> <p>ООК 04 «Іноземна мова» Кількість кредитів 4</p> <p>ООК 05 «Інформаційні технології у наукових дослідженнях» Кількість кредитів 3</p>		<p>ООК 06 «Методика викладання у вищій» Кількість кредитів 3</p>
	<p>ООК 10 Практичний курс основної іноземної мови Кількість кредитів 4</p> <p>ООК 09 «Методи наукових досліджень» Кількість кредитів 2</p>	<p>ООК 07 «Теоретико-прикладні проблеми ОСД ДНСУ» Кількість кредитів 3</p> <p>ООК 08 «Теоретико-прикладні проблеми забезпечення ДНСУ» Кількість кредитів 4</p> <p>ООК 09 «Методи наукових досліджень» Кількість кредитів 4</p>		<p>ООК 10 «Іноземна мова наукового спілкування» Кількість кредитів 4</p> <p>ООК 11 Практичний курс основної Кількість кредитів 4</p>
2. ВИБІРКОВІ ОСВІТНІ КОМПОНЕНТИ			<p>Кількість кредитів вільного вибору 5</p> <p>Кількість кредитів вільного вибору 5</p> <p>Кількість кредитів вільного вибору 5</p>	

3. Certification form of applicants for higher education c

The postgraduate training ends with a conclusion about the scientific novelty, theoretical and practical significance of the dissertation results. Applicants have the right to choose a specialized academic council.

Graduates certification of the 252 State Border Security specialty educational-scientific program is carried out in the form of public defense of scientific achievements in the dissertation form or scientific report in case of defense of scientific achievements published as a monograph or set of articles published in domestic and/or international peer-reviewed professional journals.

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

	OOK 01	OOK 02	OOK 03	OOK 04	OOK 05	OOK 06	OOK 07	OOK 08	OOK 09	OOK 10	OOK 11
RN 1											
RN 2											
RN 3											
RN 4											
RN 5											
RN 6											
RN 7											
RN 8											
RN 9											
RN 10											
RN 11											
RN 12											
RN 13											
RN 14											
RN 15											
RN 16											
RN 17											
RN 18											
RN 19											
RN 20											

Guarantor of educational program

professor Volodymyr Kyrylenko