

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
LVIV POLYTECHNIC  
NATIONAL UNIVERSITY



«APPROVED»

by Rector of Lviv Polytechnic  
National University

 Yuriy BOBALO

«14» 09 2022

**EDUCATIONAL AND SCIENTIFIC PROGRAM**

**«PSYCHOLOGY»**

**HIGHER EDUCATION LEVEL: Third (Educational and Scientific) level**

**HIGHER EDUCATION DEGREE: Doctor of Philosophy**

**FIELD OF KNOWLEDGE 05 Social and behavioral sciences**

**SPECIALTY 053 Psychology**

Reviewed and approved  
at the meeting of Academic Council  
of Lviv Polytechnic  
National University  
(protocol № 86  
dated «13» 09 2022)

Lviv 2022

## PREFACE

The program was developed in accordance with the Standard of Higher Education of Ukraine of the third (educational and scientific) level, in field of knowledge 05 Social and behavioral sciences, specialty 053 Psychology that was approved and implemented by the order of Ministry of Education and Science of Ukraine dated 20.07.2022 № 646.

The program was developed by the working group of the scientific and methodological commission of the specialty 053 "Psychology" of the Lviv Polytechnic National University composed of:

<b><i>Larysa Berezovska</i></b>	the guarantor of educational and scientific program, PhD in Psychological Sciences, Assoc. Prof., Associate Professor of Department of Theoretical and Practical Psychology
<b><i>Ihor Halian</i></b>	Doctor of Psychological Sciences, Prof., Professor of Department of Theoretical and Practical Psychology
<b><i>Olena Leshchynska</i></b>	Doctor of Psychological Sciences, Assoc. Prof., Professor of Department of Theoretical and Practical Psychology
<b><i>Olha Sviderska</i></b>	PhD in Political Science, Associate Professor of Department of Theoretical and Practical Psychology
<b><i>Tetiana Shcherban</i></b>	Doctor of Psychological Sciences, Prof., Rector of Mukachevo State University
<b><i>Yevheniia Kostiuchenko</i></b>	Postgraduate student of specialty "Psychology"

The guarantor of the educational program  Larysa BEREZOVSKA

# I. EDUCATIONAL COMPONENT OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM

## 1. The profile of the Doctor of Philosophy program in 053 “Psychology”

1 - General information	
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<b>The full name of higher education institution and structural unit</b>	<b>Lviv Polytechnic National University,</b> Department of Theoretical and Practical Psychology, Institute of Jurisprudence, Psychology and Innovative Education
<b>Higher education level</b>	Third (Educational and Scientific) level
<b>Higher education degree</b>	Doctor of Philosophy
<b>Field of knowledge</b>	05 Social and Behavioral Sciences
<b>Specialty</b>	053 Psychology
<b>The name of educational program</b>	Psychology
<b>Internet address of educational program's placement on the site</b>	
<b>Обмеження щодо форм навчання</b>	Full-time study, part-time study
<b>Educational qualification</b>	Doctor of Philosophy in Psychology
<b>Degree qualification</b>	Higher education degree – Doctor of Philosophy Field of Knowledge – 05 Social and Behavioral Sciences Specialty – 053 Psychology
<b>Description of subject area</b>	<p><b>Object of study:</b> mental phenomena, patterns of their occurrence, functioning, and development; behaviour, activity, actions; people's interaction in small and large social groups; psychophysiological processes and mechanisms underlying various forms of mental activity.</p> <p><b>Learning goals:</b> acquiring ability to solve complex problems in the field of psychology, which involves a deep rethinking of existing knowledge and creating of its new holistic form and/or professional practice.</p> <p><b>Theoretical content of the subject area:</b> concepts of psyche, conscious and unconscious, behaviour, activity, deed, communication, personality, individuality; concepts and theories that reveal patterns of the emergence, development and functioning of psyche; physiological foundations of mental processes, psychological aspects of occurrence and course of mental activity disorders; psychological features of an individual's life path, interaction of people in small and large social groups; intergroup interaction, etc.</p> <p><b>Methods, techniques and technologies:</b> methods of theoretical and empirical scientific, methods of data analysis, technologies of psychological assistance, modern digital technologies.</p>

	<p><b>Tools and equipment:</b> psychodiagnostic tools, devices for psychological scientific, computer equipment and multimedia equipment; information search and processing systems; statistical processing and data visualization programs.</p>
<b>Academic rights of graduates</b>	A Doctor of Philosophy can obtain a Doctor of Science degree and additional qualifications in the adult education system.
<b>The amount of credits in accordance with European Credit Transfer required to obtain an appropriate degree of higher education</b>	The educational and scientific program for the training of a Doctor of Philosophy consists of educational and scientific components. The standard period of training for a Doctor of Philosophy in postgraduate studies equals four years. The volume of the educational component of the educational and scientific program of the Doctor of Philosophy equals 43 ECTS credits. The term of the educational component of the ECTS educational and scientific program equals 2 years.
<b>Accreditation status</b>	Was not conducted.
<b>Cycle/level</b>	NQF of Ukraine – 8 level, FQEHEA – third cycle, FQE_LLL-8 level.
<b>Prerequisites</b>	<p>Having of a master's degree or a specialist educational qualification.</p> <p>The entrance tests program for applicants who have obtained a previous level of higher education in other specialties includes verification of the applicant's acquisition of competencies and learning outcomes determined by the Higher Education Standard for the specialty 053 Psychology for the second (master's) level of higher education.</p>
<b>Languages</b>	English
<b>Basic concepts and their definitions</b>	The educational and scientific program uses the main concepts and their definitions in accordance with the Law of Ukraine "On Higher Education" dated 07/01/2014 № 1556-VII with amendments and additions, the Law of Ukraine "On Education" dated 09/05/2017 № 2145- VIII with amendments and additions, the Law of Ukraine "On Scientific and Scientific-Technical Activity" dated 26.11.2015 № 848-VIII with amendments and additions, the procedure for training applicants for the degree of doctor of philosophy and doctor of science in institutions of higher education (scientific institutions), approved by the Resolution of the Cabinet of Ministers of 03.23.2016 No. 261 with amendments and additions, the procedure for awarding the degree of doctor of philosophy and annulment of the decision of the one-time specialized academic council of the institution of higher education, scientific institution on awarding the degree of Doctor of Philosophy, approved by the Resolution of the Cabinet of Ministers of Ukraine dated 12.01.2022 No. 44, Methodological recommendations for the development of higher education standards, approved by the Order of the Ministry of Education and Science of Ukraine dated 01.06.2017 No. 600 as amended and additions.
<b>2 -Purpose of the Educational and Scientific Program</b>	
	Assurance of education quality for the recipients of third (educational and scientific) level of higher education while taking into account the requirements for the competences of specialists in the field of <i>Social and Behavioural Sciences</i> , majoring in <i>Psychology</i> , and accompanying them in the performance of independent scientific research, applied and practical activities.

### 3 -Description of the Educational and Scientific Program

<b>The orientation of the educational and scientific program</b>	The educational and scientific program is aimed at mastering current aspects of scientific research within the framework of the specialty "Psychology" and orients recipients to further professional education.
<b>The main focus of the educational program and specialization</b>	The program mainly concentrates on modern achievements of theoretical and practical psychology and related fields of knowledge, as well as the latest technologies and methods of scientific and teaching activity.
<b>Features and differences of the program</b>	<p>The distinctive feature of the educational and scientific program is determined by the fact that training is conducted on the basis of various interactive courses: it covers a wide range of modern vectors of the development of the theory and practice of psychology, reveals the methodology and methods of various scientific studies in psychological science, which forms an updated theoretical, methodological and applied basis for conducting specific scientific psychological research.</p> <p>The educational and scientific program involves the possibility of a scientific internship in both foreign and Ukrainian higher education institutions, with which agreements on academic mobility and cooperation in the field of scientific research have been concluded.</p> <p>The uniqueness of ESP is determined by its focus on the training of highly qualified specialists for covering the needs of higher education institutions, state institutions and private practice in Ukraine and the countries of the European Union; in the orientation of recipients' scientific research on the study of modern interdisciplinary problems, which is carried out within the framework of the university's scientific projects; and also in providing opportunities for implementation of the results of scientific research into the practice of state and private institutions; in the development of teaching competencies based on innovative and educational technologies.</p>

### 4 – The suitability of graduates of the educational program for employment and further training

<b>Suitability for employment</b>	Employment as scientific and scientific-pedagogical workers in scientific institutions and higher education institutions, as highly qualified workers in research institutions and organizations, as scientific consultants in government agencies, institutions and organizations.
<b>Further training</b>	Scientific program of the fourth (scientific) level of higher education "Doctor of Sciences". Participation in scientific events, professional development in research, domestic and foreign institutions, organizations, institutions.

### 5 –Teaching and evaluation

<b>Teaching and training</b>	Problem-based, contextual and person-oriented approaches with an appropriate combination of lectures, independent, theoretical and practical work, using modern information technologies (working with Moodle system, Google Classroom, Microsoft Teams, Zoom, various online platforms, etc.). Execution of individual scientific and research tasks, consulting with lecturers. Preparation of dissertation research.
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<b>Evaluation</b>	Exams with written (test) and oral components; speeches and presentations at scientific events (scientific and scientific-practical seminars, conferences, "round tables") of scientific research results; scientific reports on the assessment of the obtained research results, scientific publications in professional, domestic and foreign issues, which belong to scientometric databases(Scopus, Web of Science).Evaluation of learning results is carried out in accordance with the "Regulations on rating evaluation of students' achievements at Lviv Polytechnic National University".
<b>6 -Competencies provided by the program</b>	
<b>Integral competency</b>	INT. The ability to produce new ideas, solve significant complex problems of professional and/or research-innovative activity in the field of psychology, apply the methodology of scientific and pedagogical activity, as well as to conduct one's own scientific research, attaining results with scientific novelty and theoretical and practical significance.
<b>General competencies</b>	<p>GC1. The ability to think abstractly, analyze and synthesize information.</p> <p>GC2. The ability to work in an international context.</p> <p>GC3. The ability to generate new ideas (creativity).</p> <p>GC4. The ability to solve complex problems in the field of psychology on the basis of a systematic scientific outlook and general cultural outlook in compliance with the principles of professional ethics and academic integrity.</p>
<b>Special (professional) competencies</b>	<p>SC1. The ability to identify, systematize, and forecast current psychological problems, factors, and trends in the functioning and development of individuals, groups, and organizations at various levels of psychological research.</p> <p>SC2. The ability to plan and carry out original research, achieve scientific results that create new knowledge in psychology and related interdisciplinary areas, and ensure the quality of performed research.</p> <p>SC3. The ability to initiate, develop and implement complex innovative projects in the field of psychology and interdisciplinary projects related to it, leadership and responsibility during their implementation; ensure compliance with intellectual property rights.</p> <p>SC4. The ability to carry out scientific and pedagogical activities in higher education.</p> <p>SC5. The ability to assess the level of one's own professional competence, self-development and self-improvement during life, increase professional qualifications, be professionally mobile.</p> <p>SC6. The ability to use new technologies and tools, modern digital technologies, databases and other resources, specialized software in scientific and teaching activities.</p> <p>SC7. The ability to tolerate uncertainty and prove the uniqueness of one's own scientific research in the conditions of the information / digital society.</p>
<b>7 –Training results provided by the program</b>	
<b>Knowledge (K)</b>	K1 (LR 1).To have advanced conceptual and methodological knowledge of the problem chosen for research in the field of psychology / at the border of subject areas, as well as research

	<p>skills sufficient for carrying out scientific and applied research at the level of world achievements in psychology.</p> <p>K 2 (LR 2). To understand the general principles and methods of psychology, as well as the methodology of scientific research, apply them in one's own research in the field of psychology and in teaching practice.</p>
<b>Skills (S)</b>	<p>S 1 (LR 3). To single out, systematize, solve, critically analyse and forecast significant psychological problems, formulate and test hypotheses, determine factors and trends in the functioning and development of individuals, groups and organizations at various levels of psychological research.</p> <p>S 2 (LR 4). To plan and carry out experimental and/or theoretical research in psychology and related interdisciplinary areas in compliance with the norms of professional and academic ethics.</p> <p>S 3 (LR 5). To apply modern tools and technologies for searching, processing and analysing information, statistical methods of data analysis, specialized databases and information systems, develop innovative research methods in the field of psychology and check their effectiveness.</p> <p>S 4 (LR 6). To critically and systematically evaluate the results of one's own scientific research work and the results of other researchers in the context of the entire complex of modern knowledge regarding the investigated problem, determine the prospects for further scientific investigations.</p> <p>S 5 (LR 7). To develop and implement scientific and/or innovative projects in the field of psychology, which provide an opportunity to rethink the existing knowledge and create its new integral form and/or professional practice and solve significant scientific and applied problems of psychology, taking into account its social, economic, ethical and legal aspects.</p> <p>S 6 (LR 10). To organize and carry out the educational process in the field of psychology, its scientific, educational, methodical and normative support, apply effective methods of teaching academic disciplines.</p>
<b>Communication (COM)</b>	<p>COM 1 (LR 9). To present and discuss with specialists and non-specialists the results of research, scientific and applied problems of psychology in national and foreign languages freely, prepare the results of research in the form of scientific publications.</p>
<b>Autonomy and Responsibility (A&amp;R)</b>	<p>A&amp;R 1 (LR 8). To determine one's professional capabilities and tasks of professional qualification improvement and professional mobility.</p>
<b>8 – Resource provision for realization of the educational program</b>	
<b>The main characteristics of the teaching staff</b>	<p>Scientific and pedagogical workers involved in teaching cycles of disciplines, that provide general and special (professional) competencies for postgraduate students, have scientific degrees and/or academic titles.</p>
<b>The main characteristics of material and technical support</b>	<p>The university provides access to information resources for self-education, planning and organization of scientific using digital technologies and free access to the Internet.</p> <p>Use of modern software in educational process including professional programs used for data operationalization in psychological scientific studies like SPSS, SAS, PSPP etc.</p>

<b>The main characteristics of information and methodological support</b>	Access to the virtual learning environment of Lviv Polytechnic National University and author's developments of scientific and teaching staff.
<b>9 –Academic mobility</b>	
<b>National credit mobility</b>	Takes place on the basis of bilateral agreements between Lviv Polytechnic National University and other universities of Ukraine.
<b>International credit mobility</b>	Takes place under the EU Erasmus+ program on the basis of bilateral agreements between Lviv Polytechnic National University and higher educational institutions of foreign partner countries.
<b>Provision of training for foreign higher education applicants</b>	It is possible after studying the Ukrainian language course.

**1. Distribution of the contents of the educational component of educational and scientific program by groups of training components and cycles**

№	Cycles of training	Amount of workload of postgraduate students (credits / %)		
		Mandatory components of the educational part	Selective components of the educational part	Total for the entire period of training
1.	Cycle of disciplines that form general scientific competences and universal skills of a scientist	21/49	3/7	24/56
2.	Cycle of disciplines that form professional competences	10/23	6/14	16/37
3.	Cycle of free choice disciplines of postgraduate students	--	3/7	3/7
Total		31/72	12/28	43/100



### 3. List of components of the educational part of the educational and scientific program

Coden/d	Components of the educational part	Number of credits	The form of final control
<b>1. Mandatory components of the educational part</b>			
<i>Cycle of disciplines that form general scientific competences and universal skills of the researcher</i>			
MC1.1	Philosophy and Methodology of Science	3	exam
MC1.2	A Foreign Language for Academic Purposes, Part 1	4	test
MC1.3	A Foreign Language for Academic Purposes, Part 2	4	exam
MC1.4	Professional Pedagogy	3	test
MC1.5	Academic Entrepreneurship	4	test
MC1.6	Pedagogical Practice	3	test
<b>Total per cycle:</b>		21	
<i>Cycle of disciplines that form professional competences</i>			
MC2.1	Statistical Methods of Psychological Research	4	exam
MC2.2	Research Seminar in The Field of Social and Behavioural Sciences	3	test
MC2.3	Theoretical and Practical Problems of The Psychology of Well-Being	3	test
<b>Total per cycle:</b>		10	
<b>2. Optional blocks of the educational component*</b>			
<i>Cycle of disciplines that form general scientific competences and universal skills of the researcher*</i>			
OB1.1	Business Foreign Language	3	test
OB1.2	Psychology of Creativity and Invention	3	test
OB1.3	Management of Scientific Projects	3	test
OB1.4	Technology of Grant Applications and Patent Rights Registration	3	test
OB1.5	Rhetoric	3	test
OB1.6	Modern Inventions in Research Activities	3	test
OB1.7	Open Scientific Practices	3	test
OB1.8	Academic Integrity and Education Quality	3	test
OB1.9	Methodology of Preparation of Scientific Publications	3	test
OB1.10	Quality of Higher Education (Formation of Internal Quality Assurance Systems)	3	test
<b>Total per cycle:</b>		3	
<i>Cycle of disciplines that form professional competences**</i>			
OB2.1	Methodology of Teaching Psychology in Higher Education	3	exam
OB2.2	Psychology of Social Cognition	3	exam
OB2.3	Scientific Research in Psychological Science	3	exam
OB2.4	Modern Research Methods in Organizational Psychology	3	exam
OB2.5	Theoretical and Practical Problems of Social Psychology	3	exam
OB2.6	Theoretical and Practical Problems of Personality Psychology	3	exam
OB2.7	Psychology of Influence and Media Psychology	3	exam
OB2.8	Psychology of Digital Branding in Professional Activity	3	exam
OB2.9	Differential Psychology of Professional Activity	3	exam
OB2.10	Modern Approaches to Psychological Help	3	exam
<b>Total per cycle:</b>		6	
<b>3. Disciplines of the postgraduate student's choice***</b>			
E.11	Discipline of the postgraduate student's free choice	3	test
	<b>Total</b>	3	
	<b>ALTOGETHER</b>	43	

Note:

\*- the list of disciplines that form professional competences are offered jointly for the ESPs of related fields and specialties;

\*\* - the list of optional disciplines forming professional competences contains ten disciplines, from which the postgraduate student chooses two;

\*\*\* - postgraduate student can choose disciplines taught at Lviv Polytechnic National University or other domestic (foreign) HEIs (scientific institutions) at all levels.

#### 4. Matrix of correspondence of program competencies to educational components

Disciplines Learning results	MC1.1	MC1.2	MC1.3	MC1.4	MC1.5	MC1.6	MC2.1	MC2.2	MC2.3	OB1.1	OB1.2	OB1.3	OB1.4	OB1.5	OB1.6	OB1.7	OB1.8	OB1.9	OB1.10	OB2.1	OB2.2	OB2.3	OB2.4	OB2.5	OB2.6	OB2.7	OB2.8	OB2.9	OB2.10
	INT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC2		•	•							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC3		•	•		•	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC4	•				•	•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SC1							•	•													•	•	•	•	•	•	•	•	•
SC2							•	•													•	•	•	•	•	•	•	•	•
SC3					•		•	•				•	•	•	•	•	•	•	•	•									
SC4		•		•		•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SC5					•			•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SC6				•		•															•	•	•	•	•	•	•	•	•
SC7	•																												

**Note:** MCi – mandatory discipline, OBi – optional discipline, i – discipline number in the list of components of the educational part, INT – integral competency, GCj – general competency, SCj – professional (special) competency, j- competency number in the list of competencies of the educational part.

### 5. Matrix of providing program learning results with the corresponding components of the educational part

Disciplines Learning results	MCI.1	MCI.2	MCI.3	MCI.4	MCI.5	MCI.6	MC2.1	MC2.2	MC2.3	OB1.1	OB1.2	OB1.3	OB1.4	OB1.5	OB1.6	OB1.7	OB1.8	OB1.9	OB1.10	OB2.1	OB2.2	OB2.3	OB2.4	OB2.5	OB2.6	OB2.7	OB2.8	OB2.9	OB2.10		
	K1	•						•	•									•					•			•				•	
K2	•			•		•				•											•			•							
S1							•	•										•	•										•		
S2							•	•										•	•												
S3					•		•	•										•	•										•		
S4							•	•										•	•										•		
S5					•		•	•										•	•										•		
S6						•				•								•	•										•		
COM 1		•	•	•					•	•									•												
A&R 1				•		•													•										•		

**Note:** MCI – mandatory discipline, OBi – optional discipline, i – discipline number in the list of components of the educational part, Km – program results (knowledge), Sm – program results (skill), COMm -program results (communication), A&Rm – program results (autonomy and responsibility), m – program result number in the list of program results of the educational part.

## **II. THE SCIENTIFIC COMPONENT OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM**

The scientific component of the educational-scientific program involves the postgraduate student conducting their own scientific research under the guidance of one or two academic supervisors and registering its results in the form of a dissertation.

The dissertation for obtaining the degree of Doctor of Philosophy is an independent comprehensive study that offers a solution to an actual scientific task in the specialty 053 Psychology and the results of which are characterized by scientific novelty and practical value and are made public in corresponding publications.

The scientific component of the educational-scientific program is drawn up in the form of an individual plan of scientific work of a postgraduate student and is an integral part of the postgraduate study plan. Preparation and publication of scientific articles, speeches at scientific conferences, scientific professional seminars, round tables, and symposia act as an integral part of the scientific component of the postgraduate educational and scientific program.

### **Topics of scientific research in specialty 053 "Psychology"**

1. Socio-psychological factors of a person's well-being.
2. Factors of subjective well-being in youth.
3. Psychological mechanisms of emotional maturity development of practicing psychologists.
4. Psychological determinants of youth's virtual self-presentation.
5. Psychological well-being of the individual in a crisis society.
6. Socio-psychological factors of experiencing the subjective well-being of an individual.
7. Social perceptions of students about a healthy lifestyle as a factor of personal well-being.
8. Religious self-awareness of youth as a factor of subjective well-being of an individual.
9. Socio-psychological factors of civic identity.
10. Gender-role features of political leadership.
11. Students' social perceptions about the formation of the national elite as a factor of national security.
12. Students' social perceptions of the leader's personality in the political and legal sphere.
13. Students' social perceptions of the leader's personality in the spiritual sphere as a factor of national security.
14. Students' social perceptions of human rights as a factor of national security.
15. Socio-psychological determinants of the choice of populist parties.
16. Socio-psychological factors in the formation of digital trust in people with different levels of loneliness.
17. Socio-psychological factors of critical thinking formation in student youth.
18. Socio-psychological factors of psychological readiness of student youth for inventive activity.
19. Critical thinking as a factor in ensuring informational and psychological security of a lawyer's professional activity.

20. Critical thinking as a factor in ensuring informational and psychological safety of a journalist's professional activity.
21. Socio-psychological factors of ensuring informational and psychological security of the psychologist's professional activity.
22. Formation of young people's psychological readiness to resist destructive informational influences in the media environment.
23. Psychological factors of formation of social responsibility of youth for environmental pollution.
24. Socio-psychological factors of the spread of totalitarian and extremist attitudes among youth.
25. Socio-psychological factors of formation of tendency to harassment in youth.
26. Media competence as a factor in the formation of adolescent's self-esteem.
27. Media competence as a factor in forming the aspiration level of the student's personality.
28. Media competence as a factor of formation and actualization of the creative potential of a student's personality.
29. Media competence as a factor of formation of the student's legal self-awareness.
30. Media competence as a factor in the formation and realization of a student's civic identity.

### **III. Forms of attestation of higher education recipients**

<b>Forms of attestation of higher education applicants</b>	Attestation of candidates for the educational level of Doctor of Philosophy is carried out in the form of a public defense of the dissertation.
<b>Qualification work requirements</b>	<p>The dissertation for obtaining the degree of Doctor of Philosophy is an independent comprehensive study that offers a solution to a complex problem in the field of psychology or on its border with other specialties, which involves a deep rethinking of existing and the creation of new holistic knowledge and professional practice.</p> <p>The dissertation should not contain academic plagiarism, falsification, fabrication.</p> <p>The dissertation must be posted on the website of the Lviv Polytechnic National University.</p>