MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
LVIV POLYTHECNIC
NATIONAL UNIVERSITY

«APPROVED»
by Rector of Lviv Polytechnic
National University

_____Yuriy BOBALO

«_14_» ___09___ 202_2_

EDUCATIONAL AND SCIENTIFIC PROGRAM

«PSYCHOLOGY»

HIGHER EDUCATION LEVEL: Third (Educational and Scientific) level

HIGHEREDUCATIONDEGREE: Doctorof Philosophy

FIELD OF KNOWLEDGE 05 Socialand behavioral sciences

SPECIALTY 053 Psychology

Reviewed and approved
at the meeting of Academic Council
of Lviv Polytechnic
National University
(protocol № _8 6_
dated «_13_» ___05___ 202_2_)

Lviv 202_2_

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:

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

The guarantor of the educational program_____ Larysa BEREZOVSKA

I. EDUCATIONAL COMPONENT
OF THE EDUCATIONAL AND RESEARCH PROGRAMME
1. Profile of the Doctor of Philosophy programme in speciality 053 Psychology

1. General information	
Full name of the higher education institution and structural unit	**Lviv Polytechnic National University** Institute of Law, Psychology and Innovative Education Department of Theoretical and Applied Psychology
The level of higher education	Third (educational and research) level
Higher education degree	Doctor of Philosophy
Field of knowledge	05 Social and behavioural sciences
Speciality	053 Psychology
Title of the educational programme	Psychology
Internet address of the educational programme	https://lpnu.ua/osvita/pro-osvitni-programy/tretii-riven-vyshchoi-osvity
Restrictions on the forms of education	No restrictions
Educational qualifications	Doctor of Philosophy in Psychology
Qualification in the diploma	Degree of higher education - Doctor of Philosophy Field of knowledge - 05 Social and behavioural sciences Speciality - 053 Psychology
Description of the subject area	**Object of study:** mental phenomena, patterns of their occurrence, functioning and development; behaviour, activities, actions; interaction of people in small and large social groups; psychophysiological processes and mechanisms underlying various forms of mental activity. **Learning objectives:** acquiring the ability to solve complex problems in the field of psychology, which involves a deep rethinking of existing and creation of new holistic knowledge and/or professional practice. **Theoretical content of the subject area:** concepts of psyche, conscious and unconscious, behaviour, activity, action, communication, personality, individuality; concepts and theories that reveal the laws of occurrence, development and functioning of the psyche; physiological bases of mental processes, psychological aspects of the occurrence and course of mental disorders; psychological features of the life path of an individual, interaction of people in small and large social groups; intergroup interaction, etc. **Methods, techniques and technologies**: methods of theoretical and empirical research, data analysis, psychological assistance technologies, modern digital technologies. **Tools and equipment**: psychodiagnostic tools, instruments for psychological research, computer equipment and multimedia equipment; information retrieval and processing systems; statistical processing and data visualisation programmes.
Academic rights of graduates	Doctor of Philosophy can be obtained as a doctoral degree and additional qualifications in the adult education system.

The amount of credits under the European credit transfer system required to obtain a relevant higher education degree	The PhD programme consists of educational and research components. The standard period of study for a Doctor of Philosophy degree in postgraduate studies is four years. The volume of the educational component of the Doctor of Philosophy programme is 43 ECTS credits. The term of the ECTS educational component of the educational and research programme is 2 years.
Availability of accreditation	Not conducted
Cycle/level	NQF of Ukraine - level 8, FQEHEA - third cycle, FQE LLL - level 8
Prerequisites	Master's degree or specialist's degree. The programme of entrance examinations for persons who have received a previous level of higher education in other specialities provides for verification of the person's acquisition of competencies and learning outcomes defined by the standard of higher education in the speciality 053 Psychology for the second (master's) level of higher education.
Languages of instruction	Ukrainian
Basic concepts and their definitions	The educational and scientific programme uses the basic concepts and their definitions in accordance with the Law of Ukraine 'On Higher Education' of 1.07.2014 №1556-VII as amended, the Law of Ukraine 'On Education' of 05.09.2017 №2145-VIII as amended, the Law of Ukraine 'On Scientific and Scientific and Technical Activities' of 26. 11.2015, №848-VIII as amended, the Procedure for the preparation of higher education students for the degree of Doctor of Philosophy and Doctor of Science in higher education institutions (research institutions), approved by the Resolution of the Cabinet of Ministers of 23.03.2016 №261 as amended, the Procedure for the Preparation of Higher Education Applicants for the Degree of Doctor of Philosophy and Doctor of Science in Higher Education Institutions (Research Institutions), approved by the Resolution of the Cabinet of Ministers of 06.03.2019 №167, the Procedure for Awarding the Degree of Doctor of Philosophy and Cancellation of the Decision of a One-time Specialised Academic Council of a Higher Education Institution, Research Institution on Awarding the Degree of Doctor of Philosophy, approved by the Resolution of the Cabinet of Ministers of Ukraine of 12.01.2022 №44, Methodological Recommendations for the Development of Higher Education Standards, approved by the Order of the Ministry of Education and Science of Ukraine №600 of 01.06.2017 as amended.

2 - The purpose of the educational and research programme
Ensuring quality education of applicants for the third (educational and research) level of higher education with a Doctor of Philosophy degree in Social and Behavioural Sciences in the speciality Psychology, capable of independent research, applied, practical activities in the field of Psychology, as well as the implementation of innovative approaches to the organisation of the educational process in higher education institutions.

3. Characteristics of the educational and research programme	
Orientation of the educational and research programme	The educational and research programme is aimed at acquiring the necessary competencies to conduct research in the field of Social and Behavioural Sciences in the speciality Psychology and conducting scientific and pedagogical activities.

The main focus of the educational and research programme	The main focus of the programme is to focus on the achievements of modern theoretical and practical psychology for the development of professional competencies in research, applied and practical activities, mechanisms of mental development of the individual, his or her formation as a subject of life, as well as teaching in the field of psychology.
Features and differences of the programme	The peculiarity of the educational and research programme is determined by the fact that the training is conducted on the basis of various interactive courses: it covers a wide range of modern vectors of development of the theory and practice of psychology, reveals the methodology and methods of various scientific research in psychology, which forms an updated theoretical, methodological and applied basis for conducting a specific scientific psychological research. The educational and research programme provides for the possibility of undergoing scientific internships both in foreign and Ukrainian higher education institutions with which agreements on academic mobility and cooperation in research have been concluded. The uniqueness of the ERP lies in the focus on training highly qualified specialists for the needs of higher education institutions, government agencies and private practice in Ukraine and the European Union; in the focus of students' research on the study of topical interdisciplinary problems of our time, which is carried out within the framework of the university's research projects; in providing opportunities to implement the results of scientific research in the practice of public and private institutions; in the development of teacher competencies based on innovative and educational methods.
4 - Suitability of graduates of the educational programme for employment and further study	
Employability	Employment as research and teaching staff in scientific institutions and higher education institutions, highly qualified employees in research institutions and organisations, scientific consultants in government agencies, institutions and organisations
Continuing education	Scientific programme of the fourth (scientific) level of higher education 'Doctor of Science'. Participation in scientific events, advanced training in domestic and foreign research institutions, organisations, higher education institutions
5 - Teaching and assessment	
Teaching and learning	Problem-oriented, contextual and personality-oriented approaches with an appropriate combination of lectures, independent, theoretical and practical work, the use of modern information technologies (work with Moodle, Microsoft Teams, Zoom, various online platforms, etc.) Performing individual scientific and research tasks, consultations with teachers. Preparation of dissertation research. In the final year of study, 100% of the time is spent on preparing the dissertation for defence.
Assessment	Evaluation of all types of educational and scientific activities includes exams with written (tests) and oral components; speeches and presentations of research results at scientific events (scientific and scientific-practical seminars, conferences, round tables); scientific reports on the evaluation of scientific results, scientific

	publications in professional, domestic and foreign publications that belong to scientometric databases (Scopus, Web of Sience). The assessment of learning outcomes is carried out in accordance with the 'Regulations on the Rating Assessment of Student Achievement at Lviv Polytechnic National University'.
6. Programme competences	
Integral competence	INC. Ability to generate new ideas, solve significant complex problems of professional and/or research and innovation activities in the field of psychology, apply the methodology of scientific and pedagogical activities, as well as conduct their own scientific research, the results of which have scientific novelty, theoretical and practical significance
General competences (GC)	GC1. Ability to think abstractly, analyse and synthesise. GC2. Ability to work in an international context. GC3. Ability to generate new ideas (creativity). GC4. Ability to solve complex problems 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.
Special (professional) competences (SC)	SC1. Ability to identify, systematise and predict current psychological problems, factors and trends in the functioning and development of individuals, groups and organisations at different levels of psychological research. SC2. 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 research. SC3. Ability to initiate, develop and implement complex innovative projects in the field of psychology and related interdisciplinary projects, leadership and responsibility in their implementation; ensure compliance with intellectual property rights. SC4. Ability to carry out research and teaching activities in higher education. SC5. Ability to assess the level of own professional competence, self-development and self-improvement throughout life, improve professional qualifications, be professionally mobile. SC6. Ability to apply new technologies and tools, modern digital technologies, databases and other resources, specialised software in research and teaching activities. SC7. Ability to tolerate uncertainty and prove the uniqueness of one's own scientific research in the context of the information / digital society.
7 - Programme learning outcomes	
	PLO 1. To have advanced conceptual and methodological knowledge of the problem chosen for research in the field of psychology / on the verge of subject areas, as well as research skills sufficient to conduct scientific and applied research at the level of world achievements in psychology. PLO 2. To understand the general principles and methods of psychology, as well as the methodology of scientific research, to apply them in their own research in psychology and in teaching practice. PLO 3. Identify, systematise, solve, critically comprehend and predict significant psychological problems, formulate and test

hypotheses, identify factors and trends in the functioning and development of individuals, groups and organisations at different levels of psychological research.

PLO 4. To plan and carry out experimental and/or theoretical research in psychology and related interdisciplinary areas in compliance with professional and academic ethics.

PLO 5. Apply modern tools and technologies for searching, processing and analysing information, statistical methods of data analysis, specialised databases and information systems, develop innovative research methods in the field of psychology, and test their effectiveness.

PLO 6. To critically and systematically evaluate the results of own research work and the results of other researchers in the context of the whole range of modern knowledge on the problem under study, to determine the prospects for further research.

PLO 7. To develop and implement scientific and/or innovative projects in the field of psychology that make it possible to rethink the existing and create new holistic knowledge and/or professional practice and solve significant scientific and applied problems of psychology, taking into account social, economic, ethical and legal aspects.

PLO 8. Identify professional opportunities and tasks for professional development and professional mobility.

PLO 9. To freely present and discuss with specialists and non-specialists the results of research, scientific and applied problems of psychology in the state and foreign languages, to prepare research results in the form of scientific publications.

PLO 10. To organise and carry out the educational process in the field of psychology, its scientific, educational, methodological and regulatory support, to apply effective methods of teaching disciplines.

8 - Resource support for the implementation of the educational programme	
Main characteristics of staffing	Research and teaching staff involved in teaching a cycle of disciplines that provide general and special (professional) competencies of a graduate student have academic degrees and/or academic titles.
The main characteristics of material and technical support	The University provides access to information resources for self-education, planning and organisation of scientific research using digital technologies, free access to the Internet. The educational process uses modern software, including professional programmes for processing psychological research data: IBM SPSS, Statistica, SAS, PSPP, etc.
The main characteristics of information and educational and methodological support	Use of the virtual learning environment of Lviv Polytechnic National University and the author's developments of scientific and pedagogical staff.
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+ programme, on the basis of bilateral agreements between Lviv Polytechnic National University and higher education institutions of foreign partner countries.

Training of foreign higher education students	Perhaps after completing a Ukrainian language course.

2. Distribution of the content
of the educational component of the educational and research programme
by groups of components and training cycles

№ n/o	Training cycles	Volume of postgraduate study load (credits/%)		
		Mandatory components of the educational component	Selective components of the educational component	Total for the entire period of study
1.	The cycle of disciplines that form general scientific competences and universal skills of a researcher	21/49	3/7	24/56
2.	The cycle of disciplines that form general scientific competences and universal skills	10/23	6/14	16/37
3.	The cycle of disciplines of free choice of a 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 research programme

Code n/a	Components of the educational component	The number of credits	The form final control
1. Mandatory components of the educational component			
The cycle of disciplines that form general scientific competences and universal skills of a researcher			
MC1.1	Philosophy and methodology of science	3	exam
MC1.2	Foreign language for academic purposes, part 1	4	credit
MC1.3	Foreign language for academic purposes, part 2	4	exam
MC1.4	Professional pedagogy	3	credit
MC1.5	Academic entrepreneurship	4	credit
MC1.6	Pedagogical practice	3	credit
In total per cycle:		21	
The cycle of disciplines that form professional competences			
MC2.1	Statistical methods of psychological research	4	exam
MC2.2	Research seminar in social and behavioural sciences	3	credit
MC2.3	Theoretical and practical problems of the psychology of well-being	3	credit
In total per cycle:		10	
2. Selective components of the educational component			
The cycle of disciplines that form general scientific competences and universal skills of a researcher			
SC1.1	Business foreign language	3	credit
SC1.2	Psychology of creativity and invention	3	credit
SC1.3	Research project management	3	credit
SC1.4	Technology for processing grant applications and patent rights	3	credit
SC1.5	Rhetoric	3	credit
SC1.6	Modern investiture in research and development activities	3	credit
SC1.7	Open scientific practices	3	credit
SC1.8	Academic integrity and quality of education	3	credit
SC1.9	Methodology for preparing scientific publicatio	3	credit
SC1.10	Quality of higher education (formation of internal quality assurance systems)	3	credit
In total per cycle:		3	
The cycle of disciplines that form professional competences*			
SC2.1	Methods of teaching Psychology in higher education	3	exam
SC2.2	Psychology of social cognition	3	exam
SC2.3	Scientific research in psychological science	3	exam
SC2.4	Modern research methods in Organisational Psychology	3	exam
SC2.5	Theoretical and practical problems of social psychology	3	exam
SC2.6	Theoretical and practical problems of Personality Psychology	3	exam
SC2.7	Psychology of influence and Media Psychology	3	exam
SC2.8	Psychology of digital branding in professional activities	3	exam
SC2.9	Differential psychology of professional activity	3	exam
SC2.10	Modern approaches to psychological care	3	exam
In total per cycle:		6	
3. Disciplines of the postgraduate student's free choice**			
E.11	Discipline of free choice of the postgraduate student	3	credit
	In total	3	
	TOTAL	43	

Note: * - the list of selective components that form professional competences contains ten items, from which a postgraduate student chooses two (one in the third semester, one in the fourth semester);

** - the postgraduate student can choose disciplines taught at Lviv Polytechnic National University at all levels;

*** - the postgraduate student can choose the disciplines taught at Lviv Polytechnic National University or other domestic (foreign) higher education institutions (research institutions) at all levels.

3. Matrix of compliance of programme competences with educational components

PC \ GC	MC1.1	MC1.2	MC1.3	MC1.4	MC1.5	MC1.6	MC2.1	EC2.2	EM2.3	SC1.1	SC1.2	SC1.3	SC1.4	SC1.5	SC1.6	SC1.7	SC1.8	SC1.9	SC1.10	SC2.1	SC2.2	SC2.3	SC2.4	SC2.5	SC2.6	SC2.7	SC2.8	SC2.9	SC2.10
INC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•
GC1	•	•	•	•	•		•	•	•	•											•		•	•	•	•			
GC2		.	•							•		•	•	•							•								
GC3		•	•		•	•				•		•		•		•													
GC4	•				•		•	•	•						•		•	•	•	•		•		•	•				
SC1							•	•													•	•		•	•				
SC2							•		•			•						•					•						•
SC3				•			•				•	•	•		•		•					•						•	
SC4		•	•	•		•				•						•			•									•	
SC5					•		•	•			•				•				•					•				•	•
SC6				•		•	•								•		•		•					•		•	•	•	
SC7	•						•	•		•	•	•	•	•		•						•		•	•	•			

4. Matrix of ensuring the programme learning outcomes with the relevant components of the educational component of the EPP

PLO \ MC	MC1.1	MC1.2	MC1.3	MC1.4	MC1.5	MC1.6	MC2.1	MC2.2	MC2.3	SC1.1	SC1.2	SC1.3	SC1.4	SC1.5	SC1.6	SC1.7	SC1.8	SC1.9	SC1.10	SC2.1	SC2.2	SC2.3	SC2.4	SC2.5	SC2.6	SC2.7	SC2.8	SC2.9	SC.10
LO 1	•						•	•								•						•		•	•				•
LO 2	•			•		•															•		•						
LO 3							•	•										•				•		•	•			•	
LO 4							•		•							•													
LO 5					•		•				•	•	•		•								•						•
LO 6							•	•							•	•		•		•									
LO 7					•				•		•	•	•		•		•				•			•	•	•	•		•
LO 8				•		•					•	•		•	•		•	•	•	•							•	•	•
LO 9		•	•					•	•					•						•									
LO 10		•	•	•		•			•					•				•	•									•	

II. SCIENTIFIC COMPONENT OF THE EDUCATIONAL AND RESEARCH PROGRAMME

The scientific component of the educational and research programme involves a postgraduate student conducting his or her own scientific research under the guidance of one or two supervisors and presenting its results in the form of a dissertation.

A dissertation for the degree of Doctor of Philosophy is an independent detailed research that offers a solution to an actual scientific problem in the specialty 053 Psychology, the results of which are characterised by scientific novelty and practical value and are published in relevant publications.

The scientific component of the educational and research programme is drawn up in the form of an individual plan of scientific work of a graduate student and is an integral part of the curriculum of the postgraduate study. An integral part of the scientific component of the educational and research programme is the preparation and publication of scientific articles, speeches at scientific conferences, scientific professional seminars, round tables, symposia.

Topics of scientific research in the specialty 053 Psychology

1. Social and psychological factors of personality well-being.
2. Factors of subjective well-being of adolescence.
3. Psychological mechanisms of development of emotional maturity of psychologists-practitioners.
4. Psychological determinants of virtual self-presentation of youth.
5. Psychological well-being of the individual in a crisis society.
6. Socio-psychological factors of experiencing the subjective well-being of the individual.
7. Students' social perceptions of a healthy lifestyle as a factor of personal well-being.
8. Social and psychological determinants of sexual self-identification of adolescents.
9. Social and psychological factors of civic identity.
10. Gender-role features of political leadership.
11. Social perceptions of students about the formation of the national elite as a factor of national security.
12. Social perceptions of students about the personality of a leader in the political and legal sphere.
13. Social and psychological factors of the phenomenon of impostor in student youth.
14. Students' social perceptions of human rights as a factor of national security.
15. Social and psychological conditionality of the choice of populist parties.
16. Social and psychological factors of digital trust formation in people with different levels of loneliness.
17. Socio-psychological factors of critical thinking formation in students.
18. Socio-psychological factors of psychological readiness of student youth for inventive activity.
19. Critical thinking as a factor in ensuring the information and psychological security of a lawyer's professional activity.
20. Social and psychological determinants of post-traumatic growth of practicing psychologists.
21. Socio-psychological factors of ensuring the information and psychological security of professional activity of a psychologist.
22. Formation of youth psychological readiness to resist destructive information influences in the media environment.
23. Psychological factors of formation of social responsibility of youth for environmental pollution.
24. Social and psychological factors of the spread of totalitarian and extremist attitudes among young people.
25. Socio-psychological factors of formation of the tendency to harassment in adolescence.
26. Media competence as a factor in the formation of adolescent self-esteem.

27. Media competence as a factor in the formation of the level of student's personality claims
28. Media competence as a factor in the formation and realisation of the creative potential of the student's personality
29. Media competence as a factor in the formation of legal consciousness of the student 30. Media competence as a factor in the formation and awareness of civic identity of the student.

III. FORMS OF CERTIFICATION OF HIGHER EDUCATION APPLICANTS

Forms of certification of higher education applicants	The certification of applicants for the degree of Doctor of Philosophy is carried out in the form of a public defence of the dissertation.
Requirements for qualification work	A dissertation for the degree of Doctor of Philosophy is an independent detailed research that offers a solution to a complex problem in the field of psychology or on its border with other specialities, which involves a deep rethinking of existing and creation of new holistic knowledge and professional practice. The dissertation should not contain academic plagiarism, falsification, or fabrication. The dissertation must be posted on the website of Lviv Polytechnic National University.

Structural and logical diagram of the educational and research programme Doctor of Philosophy in the speciality 053 Psychology

1-й семестр	2-й семестр	3-й семестр	4-й семестр	5-6-й семестри	7-8-й семестри

Філософія та методологія науки (3кредити)

Професійна педагогіка (3 кредити)

Педагогічна практика (3кредити)

Дисципліна для вибору (3 кредити)

Опублікування та апробація результатів наукової роботи

Іноземна мова для академічних цілей, частина 1 (4 кредити)

Іноземна мова для академічних цілей, частина 2 (4 кредити)

Академічне підприємництво (4 кредити)

Дисципліна для вибору (3 кредити)

Підготовка дисертаційної роботи

Дослідницький семінар у галузі соціальних та поведінкових наук (3 кредити)

Теоретичні та практичні проблеми психології благополуччя (3 кредити)

Дисципліна для вибору (3 кредити)

Статистичні методи психологічних досліджень (4 кредити)

Дисципліна вільного вибору (3 кредити)

Захист (подання до СВР) дисертаційної роботи

Наукові дослідження за темою дисертаційної роботи