MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
LVIV POLYTECHNIC
NATIONAL UNIVERSITY

"APPROVED"
Rector of
Lviv Polytechnic National University
/Bobalo Yu. Ya/
« » 06 2021.

EDUCATIONAL AND SCIENTIFIC PROGRAM

third (educational and scientific) level of higher education
in the specialty 281 "Public Management and Administration"
field of knowledge 28 "Public management and administration"

Qualification: Doctor of Philosophy, specialty "Public Management and Administration"

Considered and approved
Academic Council of the University
(protocol № 75
from "29" 06 2021)

Lviv 2021

Developed by a working group on specialty 281 Public management and administration:

Head of the working group (guarantor):

Karkovska V.Ya.	Doctor of Science in Public Administration, Associate Professor, Associate Professor of the Department of Administrative and Financial Management

Members:

Podolchak N.Yu.	Doctor of Economics, Professor, Head of the Department of Administrative and Financial Management
Druhov O.O.	Doctor of Economics, Professor, Professor of the Department of Administrative and Financial Management
Martyniuk V.P.	Doctor of Economics, Professor, Professor of the Department of Administrative and Financial Management
Poplavska Zh.V.	Doctor of Economics, Professor, Head of the Department of Theoretical and Applied Economics
Danylovych-Kropyvnytska M.L.	PhD in Economics, associate professor, Associate Professor of Theoretical and Applied Economics
Mykhalchyshyn N.L.	PhD in Economics, associate professor, Associate Professor of Theoretical and Applied Economics
Bilyk O.I.	PhD in Economics, associate professor, Associate Professor of the Department of Administrative and Financial Management
Halanets V.V.	PhD in Public Administration, доц., Associate Professor of the Department of Administrative and Financial Management
Paska O.V.	PhD in Public Administration, Director of the department of education and science of the lviv regional state administration
Sushynskyi O.I.	Doctor of Science in Public Administration, Professor, Acting first deputy director LRIPA NAPA
Petrovskyi P.M.	Doctor of Science in Public Administration, Professor, Head of the Department of Public Administration, LRIPA NAPA
Lipentsev A.V.	PhD in Economics, associate professor, Deputy Director on Scientific Work LRIPA NAPA
Koval Ya.B.	Head of Interregional Department of the National Agency of Ukraine on Civil Service in Lviv and Zakarpattya oblasts (regions)
Lukashevsky Y.O.	Head of the Office "Secretariat of the Council" of the Lviv City Council
Tabakera V.O.	Deputy Director of the Economic Policy Department of the Lviv Regional State Administration, Head of the Regional Development Department
Levytska Ya.V.	graduate student of specialty 281 Public administration and administration, third year of study
Khanyk Yu.-B. R.	graduate student of specialty 281 Public administration and administration, second year of study
Dzhuryk Yu. A.	graduate student of specialty 281 Public administration and administration, first year of study
Duma O.I.	Chairman of the scientific society of students, postgraduates, doctoral students and young scientists Institute of Administration and Postgraduate Education
Lehka O.V.	Chairman of the Trade Union Bureau and the Board of Students of the Educational and Scientific Institute of Administration and Postgraduate Education

Guarantor	Doctor of of Science in Public Administration, Ass. Prof. **Karkovska V.Ya.**

Approved and entered into force by the Order of the Rector of Lviv Polytechnic National University from "26" 07 2021 № 442-1-10
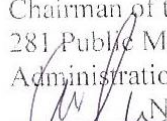
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LETTER OF AGREEMENT
of
educational and scientific program

Level of higher education   third (educational and scientific) level
Field of knowledge   28 Public management and administration
Specialty   281 Public Management and Administration
Qualification   doctor of philosophy

APPROVED
Scientific and Methodological Commission in the specialty 281 Public Management and Administration
Protocol № 4
from "15" 06 2021.

Chairman of the SMC in the specialty 281 Public Management and Administration
_____ N.Yu. Podolchak

Director of the Institute of Administration
and postgraduate education
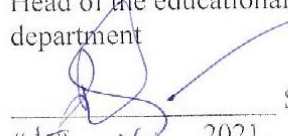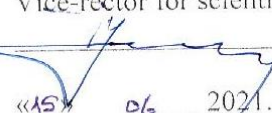_____ L.M. Pylypenko

RECOMMENDED
Scientific and methodical council of the university
Protocol № 57
from "16" 06 2021
Chairman of the SMC
_____ Zagorodniy A.G.

AGREED
Head of the educational and methodical department
_____ Sviridov V.M.
«15» 06 2021.

Vice-rector for scientific research
_____ Demydov I.V.
«15» 06 2021.

Vice-rector for graduate education
_____ Davydchak O.R.
«15» 06 2021.

I. EDUCATIONAL COMPONENT OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM

1. Profile of PhD program in specialty 281 "Public Management and Administration"

1 - General information	
1	**2**
Full name of the higher educational institution and structural unit	**Lviv Polytechnic National University**
Full title of the qualification in the original language	**Doctor of Philosophy by Specialty of *Public Management and Administration***
The official name of the educational program	Public Management and Administration
Type of diploma and scope of educational program	PhD diploma, single, 43 ECTS credits, educational component of the educational and scientific program, term of the educational component of the educational and scientific program - 2 years
Cycle / level	National Qualifications Framework of Ukraine - level 8, FQ-EHEA - third cycle, EQF-LLL - level 8
Prerequisites	"Master" level of higher education
Language (s) of instruction	English language
Basic concepts and their definitions	The educational and scientific program uses the basic concepts and their definitions in accordance with the Law of Ukraine "On Higher Education" № 1556-VII from 01.07.2014 with changes and additions, the Law of Ukraine "On Education" 2145-VIII from 05.09.2017 with changes and additions, the Law of Ukraine "On scientific and scientific-technical activity" № 848-VIII from 26.11.2015 with changes and additions, the Procedure for preparation of applicants for higher education of the degree of Doctor of Philosophy and Doctor of Science in higher education institutions (scientific institutions), approved by the Resolution of the Cabinet of Ministers № 261 dated 23.03.2016 with changes and additions, the Procedure for conducting an experiment in awarding the degree of Doctor of Philosophy, approved by the Resolution of the Cabinet of Ministers of Ukraine № 167 dated 06.03.2019, Methodological recommendations for Order of the Ministry of Education and Science of Ukraine № 600 dated 01.06.2017 with changes and additions. The educational and scientific program is licensed (order of the Ministry of Education and Science of Ukraine "On licensing of educational activities at the third educational and scientific level" № 707 from 23.06.2016).
2 - The purpose of the educational and scientific program	
	The purpose of the PhD program is to train highly qualified researches in science and practice in public management and administration and to support doctoral students in their implementation of original research aimed at obtaining new scientific knowledge, their testing and practical implementation, preparation and defence of the dissertation.

1	2
3 - Characteristics of the educational and scientific program	
Subject area (field of knowledge, specialty)	Field of knowledge 28 "Public Management and Administration", specialty 281 "Public Management and Administration"
Orientation of the educational and scientific program	The program is focused on developing a new theoretical, methodological and applied framework of public management and administration. Practical recommendations will be widely used in the field of management and administration.
Features of the program	A novice researcher devotes most of the effort to write a dissertation. Nevertheless, he (she) can use the rest of the time to study other scientific and theoretical courses or work-related activities (e.g. teamwork, communication, project development, etc.).
4 - Suitability of educational and scientific program graduates to employment and further training	
Suitability for employment	The requirements for the positions are the availability of completed high-level research, experience of research and teaching in higher education and / or research institutions, relevant jobs in local and state authorities or other public organizations, in enterprises or organizations of various activities and forms of ownership in management positions.
Further training	Doctor of Science Higher Education Program
5 - Teaching and assessment	
Teaching and learning	It is based on active learning, primarily on an individual large-scale research project, which is controlled. At the initial stage, the researcher has responsibility for choosing research methods, subject and organization of time. In the beginning, there are close scientific guidance, the supervisor's support, and advice from other colleagues in the research group, including post doctors, more experienced graduate students. Then - lecture courses, seminars, consultations, self-preparation, project work and individual consultations. Usually, the form of study in the program is full-time, and it is possible to combine distance and evening study with work.
Evaluation	Exams, tests, current control.
6 - Program competencies	
Integral competence (INT)	Acquisition of universal skills of a researcher, in particular, the ability to produce innovative scientific ideas, master the methodology of scientific and pedagogical activities, solve complex problems in the field of public management and administration, conduct original research at the international and national levels
General Competences (GC)	**1. Research ability.** Initiate and perform (individually or in a scientific group) research that leads to new knowledge and understanding of the scientific process. Ability to define and analyze the goals, content and principles of scientific research. **2. Abstract substantiation and modeling of the problem.** Ability to identify relevant tasks and outline them promotes and transforms scientific knowledge and understanding. **3. Creativity and self-criticism.** The potential of creativity in generating ideas and achieving scientific goals. Ability to review publications and reports, as well as participate in international scientific discussions, expressing and defending their own position. **4. Communication skills.** Ability to communicate effectively with special and general audiences in Ukrainian and foreign languages, as well as to present complex information in a convenient and understandable way orally and in writing, using appropriate technical vocabulary and methods and modern information technology.

1	2
	5. International outlook. Ability to work in a large international group, to respect national and cultural traditions, ways of working of other group members. Ability to present and discuss the results of scientific work in a foreign language in oral and written forms. **6. Interpersonal abilities.** Collaborate locally and internationally to complete discipline-specific tasks (data collection and processing, development of analysis, presentation and discussion of results). **7. Management skills.** Ability to work in conditions of limited time and resources, as well as to demonstrate a significant range of skills, methods, tools, practices to motivate and manage the work of others to achieve goals. **8. Teaching skills.** Competence to teach bachelor's students in practical and laboratory classes with the use of modern information technologies. **9. Ethical obligations.** Demonstrate compliance with ethical obligations and ethics of conduct in research, the use of modern information technology in research.
Professional competencies of the specialty (FC)	**1. Knowledge base.** Deep substantiated knowledge of basic mechanisms, models, systems, concepts, methodologies of public management and administration. Detailed knowledge of a special field of research in combination with knowledge of the general scientific discussion and their contribution to the individual direction of scientific research. Competence in operating the nomenclature of scientific research. **2. Research skills in the field of public administration.** Carry out original research in the field of public administration and achieve scientific results that create new knowledge, paying special attention to current issues / problems and using the latest scientific approaches. **3. Individual research.** Ability to analyze research independently in the field of management, administration, related sciences and on the basis of the results to draw conclusions which suitable for publication and have practical benefits in the field of research. **4. Ability to analyze data.** Conceptualization, design, application and evaluation of the research subject. Ability to find, select, analyze and interpret significant amounts of scientific information. Complexity and systematization in the analysis of the current state of public management and administration, global integration processes. Competence in quality marketing research and modeling in public administration. **5. Ability to criticize and evaluate.** Interpret the results of scientific research. Demonstrate the ability to hypothetical and innovative thinking, generate new ideas, apply various methods of activating innovation potential. Critically evaluate the already existing experience of public administration and the results of research, use them to form effective and appropriate recommendations. Participate in discussions with experienced scientists in the field of management and administration regarding the scientific significance and potential consequences of the obtained results. **6. Interpersonal professional competencies.** Ability to form a team and ensure its effective functioning, using informal management methods in public administration. Conflict management at the micro and macro levels using modern tools.
7 - Program learning outcomes	
Knowledge (KN)	1. Acquisition of advanced knowledge and understanding in the field of public management, administration and related fields, including the methodology of scientific research. The level of this knowledge should be sufficient for conducting research of the latest world achievements

1	2
	and aimed at their expansion and deepening. 2. Ability to clearly and effectively describe the intensive, deep and detailed results of scientific work. Knowledge of public administration institutional development of process specifics, its basic patterns, trends and dynamics of development, interaction with civil society institutions, business in the field of public administration. 3. Ability to conduct specialized scientific seminars and publish scientific articles in major scientific journals in this field. Knowledge of the features of institutional management influence, the specifics of evaluating the civil servants activities in public space. Ability to conduct a functional analysis of the authority. 4. Ability to review and search for information in specialized literature, using a variety of resources: monographs, professional domestic and foreign periodicals, databases, online resources. 5. Ability to develop in detail and convincingly present to qualified researchers group a research plan for solving an important task. 6. Ability to complete an extended original study based on a critical examination of sources and provided with the necessary scientific apparatus such as notes, bibliography and publication of relevant documents. 7. Ability to prepare and publicly defend a dissertation on the basis of individual research. 8. Achieving relevant knowledge, understanding and ability to use methods of data analysis and statistics at the latest level. Ability to manage research projects and / or make proposals for research funding, registration of intellectual property rights, the use of modern information technology. 9. Ability to present their research results in a foreign language.
Skills (SK)	1. Ability to describe, analyze and explain the historical, philosophical and institutional principles of public administration. 2. The ability to choose and apply effective mechanisms of administration in order to create conditions for socio-economic development of the state and society. Acquisition of in-depth knowledge of the specialty, in particular the ability to identify, evaluate and justify strategic directions of Ukraines' government institutions development, systemic changes in legislation as a basis for innovation in public administration, conceptual approaches to human resources management; develop new approaches and adapt best governance and e-democracy practices to the needs of sustainable development. 3. Ability to demonstrate methods of system analysis and modeling, as well as features of their application in the field of public administration. Solve complex tasks and problems that require updating and integration of knowledge, in particular, mastery of the methodology of public administration institutions' activities analysis, analysis of political processes. 4. Ability to assess the impact of the macroenvironment on the functioning of the state. Practical use of tools of public and political participation in public administration, conducting political discourse and exercising political influence. 5. Ability to apply European governance experience in the public sphere. Ability to identify directions of business restructuring at the

1	2
	micro level of the main sectors of the EU economy in the context of deepening regional integration. 6. Ability to analyze the state and dynamics of competitors on an international scale. Ability to objectively assess the impact of innovation on the organization and society. 7. Ability to analyze and synthesize information on the implementation of state development strategy. 8. Ability to develop a concept of the organization (institution) security, to select staff to work in the security service and its structural units.
Communication (COM)	1. Ability to communicate in business scientific and professional language, to apply different speech styles, methods and techniques of communication, to demonstrate a wide scientific and professional vocabulary. 2. Ability to use modern information and communication tools and technologies to ensure effective scientific and professional communications.
Autonomy and responsibility (AiR)	1. Ability to conduct research and make decisions independently. 2. Ability to formulate own author's conclusions, suggestions and recommendations. 3. Ability to be aware of and take personal responsibility for the results of the study.
8 - Resource support for program implementation	
Specific characteristics of staffing	100% of scientific and pedagogical workers involved in the teaching of professionally-oriented disciplines in the specialty 281 "Public Management and Administration" have scientific degrees and academic titles.
Specific characteristics of material and technical support	Use of modern software: "Microsoft Office", "Enterprise Project Management", "Microsoft Teams", "Zoom"
Specific characteristics of information and methodological support	Use of the virtual educational environment of Lviv Polytechnic National University and author's developments of scientific and pedagogical workers.
9 - Academic mobility	
National credit mobility	Based on bilateral agreements between Lviv Polytechnic National University and Universities of Ukraine.
International credit mobility	Based on bilateral agreements between Lviv Polytechnic National University and higher education institutions of foreign partner countries.
Training of foreign applicants for higher education	Possible

Distribution of the educational-scientific program content by groups of components and cycles of preparation

№	Training cycles	Graduate student workload (credits %)		
		Mandatory components of the educational component	Selective components of the educational component	Total for the entire period of study
1.	A cycle of disciplines that form general scientific competencies and universal skills of a researcher	21/49	3/7	24/56
2.	The cycle of disciplines that form professional competence	10/23	6/14	16/37
3.	The cycle of PhD student free choice disciplines	-	3/7	3/7
Total for the entire period of study		31/72	12/28	43/100

2. The structure of the educational and scientific program educational component

Code	Educational components	Number of credits	Form of final control
1	2	3	4
1. Mandatory elements of the educational component			
1.1. A cycle of disciplines that form general scientific competencies and universal skills of a researcher			
ME1.1.	Philosophy and methodology of science	3	examination
ME1.2.	Foreign language for academic purposes, part 1	4	credit
ME1.3.	Foreign language for academic purposes, part 2	4	examination
ME1.4.	Professional pedagogy	3	credit
ME1.5.	Academic entrepreneurship	4	credit
ME1.6.	Pedagogical practice	3	credit
Total per cycle:		**21**	
1.2. A cycle of disciplines that form professional competencies			
ME 2.1.	The concepts of "democratic governance" and "public management": modern approaches	4	examination
ME 2.2.	Research seminar in the field of public administration	3	credit
ME 2.3.	Methods of multidimensional analysis in public administration	3	credit
Total per cycle:		**10**	
1. Selective elements of the educational component *			
2.1. A cycle of disciplines that form general scientific competencies and universal skills of a researcher			
SE1.1	Business Foreign Language	3	credit
SE 1.2	Psychology of creativity and invention	3	credit
SE 1.3	Management of scientific projects	3	credit
SE 1.4	Technology of registration of grant applications and patent rights	3	credit
SE 1.5	Rhetoric	3	credit
SE 1.6	Modern inventory in research activities	3	credit
SE 1.7	Open scientific practices	3	credit
SE 1.8	Academic integrity and quality of education	3	credit
SE 1.9	Methodology of preparation of scientific publications	3	credit
SE 1.10	Quality of higher education (formation of internal quality assurance systems)	3	credit
Total per cycle:		**3**	
2.2. Cycle of disciplines that form professional competencies *			
SE 2.1	Marketing research and modeling in public administration	3	examination
SE 2.2	Leadership and efficiency in public administration	3	examination
SE 2.3	Public administration in the EU	3	examination
SE 2.4	Public sector reform	3	examination
SE 2.5	Innovation process in public institutions	3	examination
SE 2.6	National security in the context of modern European geopolitical transformations	3	examination
SE 2.7	History and development of public administration	3	examination
SE 2.8	Public smart city management	3	examination
SE 2.9	Strategies of competitive development of the state	3	examination

SE 2.10	Public administration in the context of globalization	3	examination
SE 2.11	Institutional support of public administration and administration	3	examination
SE 2.12	Regional governance in the European Union	3	examination
SE 2.13	Communications in science and intellectual property in the field of public administration	3	examination
SE 2.14	Public policy as the management of social processes	3	examination
SE 2.15	World experience in the organization of public administration and public service	3	examination
SE 2.16	Problems of decentralization and local government reform	3	examination
Total per cycle:		**6**	
3. Disciplines of PhD student free choice**			
SE 3.1	**3. Discipline of PhD student free choice ****	3	credit
Total per cycle:		**3**	
Total		**43**	

Note:

* - the list of elective disciplines that form professional competencies must contain ten disciplines, the PhD student chooses two;

** - the PhD student has the opportunity to choose the disciplines taught at Lviv Polytechnic National University or other domestic (foreign) institutions of higher education (scientific institutions) at all levels.

4. Matrix of program competencies correspondence to educational components

	ME 1.1.	ME 1.2.	ME 1.3.	ME 1.4.	ME 1.5.	ME 1.6.	ME 2.1.	ME 2.2.	ME 2.3.	SE 1.1.	SE 1.2.	SE 1.3.	SE 1.4.	SE 1.5.	SE 1.6.	SE 1.7.	SE 1.8.	SE 1.9.	SE 1.10.	SE 2.1.	SE 2.2.	SE 2.3.	SE 2.4.	SE 2.5.	SE 2.6.	SE 2.7.	SE 2.8.	SE 2.9.	SE 2.10.	SE 2.11.	SE 2.12.	SE 2.13.	SE 2.14.	SE 2.15.	SE 2.16.
INT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 1						•	•														•		•	•											
GC 2					•						•	•	•	•							•		•		•			•	•			•			•
GC 3				•							•	•	•		•	•	•	•	•		•		•		•	•						•		•	
GC 4		•	•	•	•		•				•	•		•	•	•	•	•	•	•							•								
GC 5		•	•		•					•	•		•		•		•					•			•	•			•			•			•
GC 6									•											•	•								•						
GC 7						•	•	•										•	•	•		•					•	•							
GC 8		•	•	•		•					•				•					•	•														
GC 9	•			•		•				•		•		•		•	•	•	•						•				•			•	•	•	•
FC 1	•					•	•														•			•		•							•		•
FC 2						•	•									•	•	•	•	•			•	•		•	•		•						
FC 3						•					•			•	•					•						•			•			•			
FC 4				•								•											•								•				
FC 5		•	•		•		•			•	•		•	•							•		•	•										•	•
FC 6							•			•			•	•							•		•				•			•			•		•

Legend: MEi – Mandatory elements, SEi – Selective elements, i – the number of the discipline in the list of components of the educational component, INT – Integral competence, GC j – General Competences, FC j – Professional competencies of the specialty, j – competence number in the list of competencies of the educational component.

5. Matrix for providing software learning outcomes with relevant elements of the educational component

	ME 1.1.	ME 1.2.	ME 1.3.	ME 1.4.	ME 1.5.	ME 1.6.	ME 2.1.	ME 2.2.	ME 2.3.	SE 1.1.	SE 1.2.	SE 1.3.	SE 1.4.	SE 1.5.	SE 1.6.	SE 1.7.	SE 1.8.	SE 1.9.	SE 1.10.	SE 2.1.	SE 2.2.	SE 2.3.	SE 2.4.	SE 2.5.	SE 2.6.	SE 2.7.	SE 2.8.	SE 2.9.	SE 2.10.	SE 2.11.	SE 2.12.	SE 2.13.	SE 2.14.	SE 2.15.	SE 2.16.
KN 1	•	•	•			•	•			•		•		•	•	•	•	•	•	•		•			•		•		•						
KN 2		•	•	•	•	•	•	•		•	•			•								•			•		•			•	•		•		
KN 3	•			•	•	•		•	•		•		•								•				•							•			•
KN 4		•	•				•			•					•	•	•	•	•					•								•		•	•
KN 5						•						•	•								•		•		•	•	•		•				•		
KN 6	•					•	•	•							•					•			•			•	•			•			•		
KN 7						•						•				•	•		•													•			
KN 8					•		•			•				•															•			•			
KN 9		•	•							•				•	•	•	•	•	•						•				•						
SK 1	•			•		•				•				•	•					•			•			•							•		•
SK 2							•		•				•																			•			
SK 3								•								•	•	•														•	•		
SK 4					•									•						•			•					•		•		•		•	
SK 5					•	•							•											•			•					•			
SK 6					•		•			•															•		•	•		•			•		
SK 7							•			•					•	•	•	•	•							•			•	•				•	•
SK 8					•																	•	•	•	•					•				•	•
COM 1		•	•		•	•	•			•				•																		•		•	
COM 2		•	•		•					•				•	•	•	•	•	•									•					•		•
AiR 1	•			•	•		•	•		•			•	•	•					•	•	•	•	•	•	•		•	•	•		•		•	•
AiR 2	•				•	•				•													•									•	•	•	•
AiR 3	•			•	•	•				•						•	•		•													•			•

Legend: MEi – Mandatory elements, SEi – Selective elements, i – the number of the discipline in the list of components of the educational component, KNm – Knowledge, SKm – Skills, m – the number of the program result in the list of program results of the educational component.

II. The scientific component of the educational and scientific program

The scientific component of the educational and scientific program involves the PhD student's own research under the guidance of one or two supervisors and presentation of its results in the form of a dissertation. The dissertation for the degree of Doctor of Philosophy must have a volume of the main text of 4.0 - 5.5 author's sheets.

The dissertation for the degree of Doctor of Philosophy is an independent detailed research, which offers the solution of a topical scientific-applied problem in the specialty 281 "Public Management and Administration", the results of which are characterized by scientific novelty and practical value and published in relevant publications.

The scientific component of the educational and scientific program is made out in the form of the individual plan of scientific work of PhD student and is an integral part of the curriculum of postgraduate study.

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

Topics of scientific research in the specialty
281 "Public management and administration":

1. Improving the model of public administration
2. Professionalization of the civil service
3. Risk management of state target programs and projects
4. Management mechanism of state and local programs/projects
5. Methods for evaluating the effectiveness and efficiency of public administration
6. Principles of formation of the system of management technologies in public administration of Ukraine
7. Improving the state Ukraines' municipal policy in the context of European integration
8. Public-private partnership
9. Problem dominants of public administration in aspects of anti-crisis knowledge
10. Sacralization in the context of public policy
11. Innovative tools of public administration in the context of European integration
12. Strategic planning in municipal management.
13. Institutional transformations of public administration mechanism
14. Communicative models of management decisions in public administration
15. Mechanism of public administration: interaction and mutual assistance of public administration and local self-government
16. Modernization of the mechanism, apparatus and public administration bodies.
17. Problems of service organizational culture formation in public administrations

18. Strategic priorities for the transformation of the Ukrainian economy in the context of the European choice

19. Development of state regulation mechanisms of the Ukraines' securities market in the context of European experience

20. Formation of the state policy of structural restructuring of the industrial complex of Ukraine

21. Mechanisms of state support for the development of strategic alliances of Ukrainian and international companies

22. Organization of local self-government in urban agglomerations: European experience for Ukraine.

23. Public sphere and local self-government

24. Commercialization of innovations

25. Stimulating the development of entrepreneurial activity.

26. Good Governance: socially responsible business in solving problems of regional development

27. Forecasting the development of territories

28. State mechanism of information and analytical support of national security of Ukraine

29. European cross-border cooperation in the context of ensuring the national security of Ukraine.

30. Europeanization of Ukraines' public administration

31. Territorial governance in Ukraine during the reforms

32. Development of a strategy for managing the budget process in the context of European integration

33. Information society technologies at the regional and local levels

34. Project management in the public sphere

35. Public management and administration of the medical field

36. Public management and administration of education

37. Public management and administration of the road transport sector

38. Public management and administration of the customs industry

39. Public management and administration of the defense-military complex

40. Public management and administration of socio-cultural sphere

41. Development of a strategy for start-up city public management

42. Patterns, features, trends and main factors in the development of public administration.

43. Doctrines, concepts, theories of public management and administration, global trends in their development and comparative analysis.

44. Modern models (theories, concepts) to increase the efficiency of public administration.

45. Relations of the state and society, state power with political parties, associations of citizens, non-governmental organizations.

46. Public administration as a theory and practical activities for the coordination of interest groups, the formation of government.

47. Improving the system of state strategic planning and forecasting in order to identify and prevent crises.

48. Theoretical and methodological principles of forming an effective system of national security and defense.

49. Ensuring effective coordination of executive bodies activities to ensure respect for the rights and freedoms of internally displaced persons.

50. Introduction of new principles and mechanisms of service in local self-government bodies on the basis of European principles of public service.

51. Building an effective system of central executive bodies in order to eliminate functional conflicts or duplication of powers.

52. Introduction of full-fledged e-government, regulation of administrative procedures.

53. Introduction of modern tools of personnel management in the civil service system, reforming the system of professional training of civil servants.

54. Regulatory and legal support of civil service and service in local governments in the European Union: the experience for Ukraine.

III. Certification of PhD students

Certification of applicants for higher education with the PhD degree is carried out by a specialized Academic Council, permanent or formed for one-time defense, on the basis of public defense of scientific achievements in the form of a dissertation.

Successful completion of his / her individual curriculum is a prerequisite for admission to the defense.

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

IV Academic integrity

Academic integrity of PhD degree graduates is carried out in accordance with the requirements of the Regulations on Academic Integrity at Lviv Polytechnic National University(https://lpnu.ua/polozhennia-pro-akademichnu-dobrochesnist-u-natsionalnomu-universyteti-lvivska) Regulations on the Code of Corporate Culture of Lviv Polytechnic National University (https://lpnu.ua/polozhennia-pro-kodeks-korporatyvnoi-kultury-natsionalnogo-universytetu-lvivska-politekhnika), as well as approved at the university Regulations for academic plagiarism testing of qualification works of students, manuscripts of dissertations and monographs, manuscripts of articles submitted for publication in periodicals (SVO 03.14, https://lpnu.ua/reglament-perevirky-na-akademichnyi-plagiat) and the Procedure for examination at Lviv Polytechnic National University the fact of publication of monographs, textbooks, articles of applicants for academic titles and PhD and ScD scientific degrees, as well as the status of publications in which these articles are published (https://lpnu.ua/sites/default/files/2020/pages/2064/poryadokperevirky.pdf).

The provisions enshrine the moral principles, norms and rules of ethical conduct, professional activity and professional communication of the academic community at Lviv Polytechnic National University. The provisions are aimed at adhering to high professional standards in all areas of the University, affirming academic virtues and preventing violations of academic integrity.

Structural and logical scheme of the PhD educational and scientific program in specialty 281 "Public Management and Administration"

1st semester	2nd semester	3rd semester	4th semester	5th -6th semester	7th -8th semester

Philosophy and methodology of science (3 credits)

Professional pedagogy (3 credits)

Pedagogical practice (3 credits)

Discipline for choice (3 credits)

Publication and testing of research results

Foreign language for academic purposes (4 credits)

Foreign language for academic purposes (4 credits)

Discipline for choice (3 credits)

Discipline for choice (3 credits)

Preparation of dissertation

Concepts of "democratic governance" and "public management": modern approaches (4 credits)

Discipline for choice (3 credits)

Академічне підприємництво (4 кредити)

Discipline for choice (3 credits)

Defense of the dissertation (submission of the dissertation to SAC)

Research seminar in the field of public management and administration (3 credits)

Methods of multidimensional analysis in public management and administration (3 credits)

Research on the topic of dissertation