

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
LVIV POLYTECHNIC NATIONAL UNIVERSITY**

«APPROVED»

Rectoꝛ of Lviv Polytechnic
National University



/Yurii BOBALO/

2023

EDUCATIONAL-SCIENTIFIC PROGRAM

third (educational and scientific) level of higher education
specialty 072 “Finance, banking, insurance, and stock market”
field of knowledge 07 Management and administration

Qualification: Doctor of Philosophy (Ph.D.) in specialty “Finance, banking, insurance, and
stock market”

Reviewed and approved by the
Academic Council of the
University

(Protocol No 1 date
«23» 05 2023)

Lviv 2023

LETTER OF AGREEMENT


The educational and scientific program


Level of higher education	Third (educational and scientific)
Field of knowledge	07 Management and administration
Specialty	072 Finance, banking, insurance and stock market
Qualification	Doctor of Philosophy

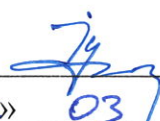
APPROVED


Scientific and Methodological
Commission of specialty
072 Finance, banking, insurance, and stock
market
Protocol No 8
date «13» 03 2023

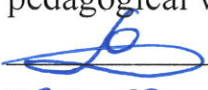
AGREED

Head of the Department of Doctoral
and Post-graduate Studies

Olena MUKAN
«22» 03 2023

Head of the SMC of the specialty
072 Finance, banking, insurance and stock
market

Mariia BONDARCHUK
«13» 03 2023

Vice-rector for scientific work

Ivan DEMYDOV
«22» 03 2023

Director of the Institute of Economics and
Management

Oleh KUZMIN
«15» 03 2023

Vice-rector for scientific and
pedagogical work

Oleh DAVYDCHAK
«21» 03 2023

RECOMMENDED

Scientific and methodological council of
Lviv Polytechnic Protocol No 68
date «16» 03 2023

Head of the SMC

Anatolii ZAHORODNII

2 – Purpose of the program	
	The purpose of the program is to train a highly qualified specialist in the field of knowledge 07 "Management and Administration" in specialty 072 "Finance, banking, insurance, and stock market" by forming and developing program competencies needed to solve complex problems in the field of professional and innovative activities, developing universal skills of the researcher, sufficient to conduct and successfully complete the original research in finance, banking and insurance.
3 - Characteristic of the program	
Subject area	field of knowledge 07 Management and administration specialty 072 Finance, banking, insurance, and stock market
Orientation of the educational-scientific program	The program focused on deepening the professional scientific worldview and developing skills for research and further professional activity.
Features of the program	The program covers a wide range of modern innovative vectors of development of the theory and practice of finance, banking and insurance, which forms an updated theoretical and applied basis for research.
4 –Suitability of graduates for employment and further education	
Suitability for employment	Research and teaching activities, administrative activities in public and private institutions of higher education, research and development institutions, management activities in the business sector
Further education	Opportunity to continue education for the degree of Doctor of Sciences in specialty 072 Finance, banking, insurance, and stock market or other related (related) specialties in the field of knowledge 07 Management and Administration
5 –Teaching and assessment	
Teaching and learning	Teaching and learning are carried out on the basis of problem-oriented approach in the form of lectures, seminars, practical classes, individual work, consultations with teachers, acquaintance with scientific works in scientific and metric bases. In the process of learning modern information technologies of distance learning are used, free access to electronic resources is provided. Training under the program involves the promotion of academic mobility and internships for applicants.
Assessment	Assessment for all types of classroom and extracurricular educational activities in the form of intermediate and / or final (semester) control

	<p>optimality and would be achieved by strictly effective financial transactions.</p> <p>FC6. The ability to choose the methods necessary to achieve the goal of the study</p> <p>FC7. Acquisition of universal skills of the researcher, in particular, the organization and carrying out of educational employment, application of modern information technologies (work with the Virtual educational environment, Microsoft Teams, Zoom, etc.).</p>
7 –Program learning outcomes	
Knowledge	<p>PLO 1. Demonstrate conceptual and methodological knowledge in the field of management and administration.</p> <p>PLO 2. Know the works of leading foreign scientists, scientific schools, and fundamental works in the field of research.</p> <p>PLO 3. Know the state language and at least one of the foreign languages at a professional level</p>
Skills	<p>PLO 4. Apply specialized skills and techniques needed to solve significant problems in finance, banking, insurance, and stock market, science and/or innovation, expanding and re-evaluating existing knowledge and professional practice</p> <p>PLO 5. Carry out planning, implementation, and adjustment of the consistent process of thorough scientific research with observance of proper academic integrity.</p> <p>PLO 6. Critically analyze, evaluate and synthesize new and complex ideas.</p> <p>PLO 7. Demonstrate skills of independent research, flexible thinking, openness to new knowledge, evaluate the results of autonomous work, and be responsible for personal professional development and training of others</p> <p>PLO 8. Develop projects in the field of finance, banking, insurance, and stock market, manage them and search for partners for the implementation.</p> <p>PLO 9. Use a wide range of economic and mathematical methods and models in modeling financial decisions in conditions of uncertainty; optimize financial decisions using such methods and models</p> <p>PLO 10. To be able to carry out teaching activities in higher education institutions.</p>
Communication	<p>PLO 11. To communicate freely on issues related to the field of scientific and expert knowledge, with colleagues, the wider scientific community, society as a whole</p> <p>PLO 12. Use academic Ukrainian and foreign languages in professional activities and research</p>
Autonomy and responsibility	<p>PLO 13. Demonstrate innovation, a high degree of independence, academic and professional integrity, constant commitment to the development of new ideas or processes in the advanced contexts of professional and scientific activities</p> <p>PLO 14. To be able to continuous self-development and self-improvement</p>

2. Distribution of the content of the program's educational component by groups of components and cycles of study

№	Cycle of study	Volume of study load (ECTS credits/%)		
		Compulsory components	Elective components	Total for the entire period of study
1.	A cycle of courses that form general scientific competencies and universal skills of a researcher	21/49	3/7	24/56
2.	A cycle of courses that form professional competencies	10/23	6/14	16/37
3.	Cycle of courses of free choice	-	3/7	3/7
Total for the entire period of study		31/72	12/28	43/100

3. List of courses of the educational component of the program

Code	Компоненти освітньої складової / Components	Кількість кредитів / ECTS credits	Форма підсумк. контролю / Form of final control
1	2	3	4
1. Обов'язкові компоненти освітньої складової / Compulsory components			
<i>Цикл дисциплін, що формують загальнонаукові компетентності та універсальні навички дослідника / Cycle of courses that form general scientific competencies and universal skills of a researcher</i>			
OK1.1.	Філософія і методологія науки / Philosophy and Methodology of Science	3	екзамен / exam
OK1.2.	Іноземна мова для академічних цілей, частина 1 / English Language For Academic Purposes, part 1	4	залік / current control
OK1.3.	Іноземна мова для академічних цілей, частина 2 / English Language For Academic Purposes, part 2	4	екзамен / exam
OK1.4.	Професійна педагогіка / Professional Pedagogy	3	залік / current control
OK1.5.	Академічне підприємництво / Academic Entrepreneurship	4	залік / current control
OK1.6.	Педагогічна практика / Pedagogical Internship	3	залік / current control
Всього за цикл / Total per cycle:		21	

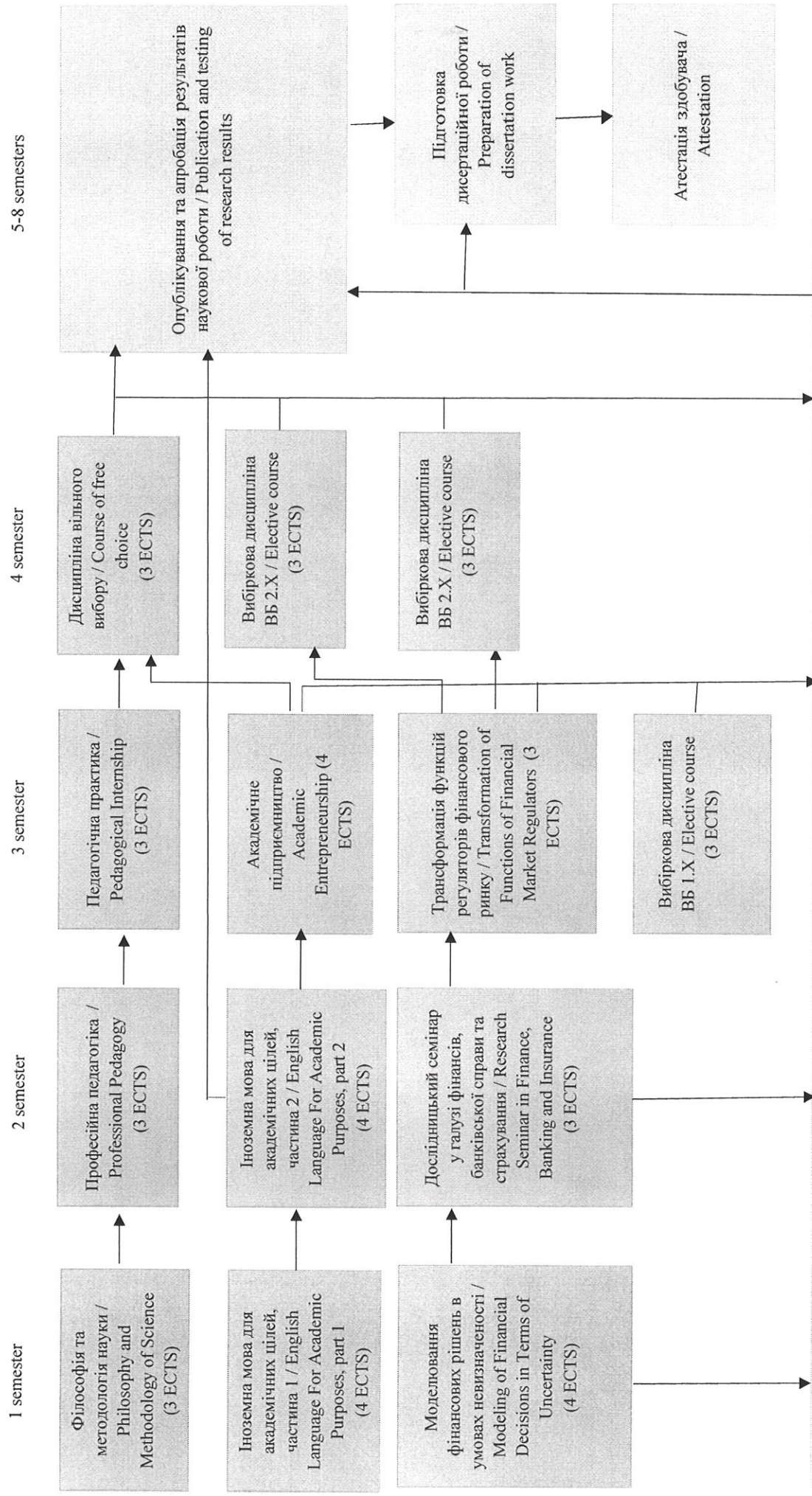
ВБ2.3	Методологія стратегічного фінансового контролінгу / Methodology of Strategic Financial Controlling	3	екзамен / exam
ВБ2.4	Тенденції та проблеми розвитку державного фінансового контролю / Trends and Problems of State Financial Control Development	3	екзамен / exam
ВБ2.5	Дослідження тенденцій розвитку світового фінансового ринку / Trends in Financial Services Market Development	3	екзамен / exam
ВБ2.6	Науковий семінар «Теорія і практика проведення фінансових реформ» / Scientific Workshop "Theory and Practice of Financial Reforms"	3	екзамен / exam
ВБ2.7	Ризики в системі державних фінансів / Risks in the System of Public Finances	3	екзамен / exam
ВБ2.8	Сучасні тенденції розвитку небанківських фінансових установ / Modern Trends of Non-Bank Institutions Development	3	екзамен / exam
ВБ2.9	Платіжні системи та платіжна інфраструктура / Payment systems and payment infrastructure	3	екзамен / exam
ВБ2.10	Фінтех / FinTech	3	екзамен / exam
	Всього за цикл / Total per cycle	6	
3. Дисципліни за вільним вибором аспіранта**/ Cycle of courses of free choice			
ВБ3.1	Дисципліна вільного вибору аспіранта / Course of free choice	3	залік / current control
Всього за цикл / Total per cycle:		3	
Всього / Total:		12	
РАЗОМ / ALL		43	

* - from the list of courses that form professional competencies, the student chooses two;

** - the student has the opportunity to choose courses taught at the Lviv Polytechnic National University or other domestic (foreign) HEI (scientific institutions) at all levels.

- anti-crisis enterprise management with elements of optimal modeling financial decisions
26. Management of financial flows in the context of globalization of financial markets
 27. Assessment of the provision of economic entities with financial services
 28. Current trends in the national insurance market
 29. Evaluation of economic efficiency of investment risk insurance
 30. Problems of ensuring the financial stability of insurance companies in a crisis
 31. Financial support for the strategic development of enterprises in the context of internationalization
 32. Financial strategies for the internationalization of enterprises
 33. Monetary regulation of economic development
 34. Forecasting the financial flows of economic entities
 35. Determining the strategic financial position of insurance companies
 36. Directions of development of financial intermediation in the conditions of internationalization
 37. International capital migration
 38. Study of globalization processes in the banking sector
 39. Management of financial resources of territorial communities
 40. Management of financial development of regions
 41. Research of financial independence of territorial communities
 42. Value added as an object of analysis of tax reporting of enterprises
 43. Forecasting tax revenues to the budget in terms of changes in tax legislation
 44. Choosing the optimal taxation system for small businesses
 45. Financial regulation of investment activities of enterprises under concession
 46. Economic efficiency of investment activities of corporate structures
 47. Cost management of enterprises
 48. Fiscal decentralization and municipal debt policy
 49. Study of transparency of public finances and public confidence in them
 50. Development of the financial mechanism of public-private partnership in Ukraine
 51. Improving the process of local budget planning
 52. Fiscal and debt policy of Ukrainian municipalities
 53. Working capital as a source of financial security for businesses
 54. The impact of current assets on the efficiency of financial and economic activities of enterprises
 55. Features of financial outsourcing management in modern economic conditions
 56. Development of outsourcing activities by insurance companies of Ukraine
 57. International tax competition in the field of stimulating innovation enterprises.
 58. Development of tax incentives for innovative activities of enterprises in the conditions of European integration.
 59. Cash flow management of the enterprise and evaluation of its efficiency
 60. Formation of a system of control over the processes of raising funds in enterprises
 61. The use of budgeting and budget control in the process of raising funds for the enterprise
 62. World experience of financial support of industrial restructuring of enterprises
 63. Tax incentives for financial support of industrial restructuring or enterprises
 64. Financing the stage of scientific and technical preparation of production
 65. Financial innovations in society and enterprises; financial principles of innovative development of the enterprise
 66. Capitalization processes in terms of innovative development of enterprises
 67. Formation of sources of financial resources to cover the costs of motivating entities creative activity.
 68. Risk management mechanisms on the stock market.
 69. Development of digital payment technologies.
 70. Regulation of circulation of digital financial instruments.

Structural and logical scheme of the educational-scientific program in the specialty 072 " Finance, banking, insurance, and stock market"



Наукові дослідження за темою роботи / Research on the topic of work