

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ
«ЛЬВІВСЬКА ПОЛІТЕХНІКА»**



«ЗАТВЕРДЖУЮ»

Ректор

**Національного університету
«Львівська політехніка»**

[Signature] /Бобало Ю.Я./

2021 р.

ОСВІТНЬО-НАУКОВА ПРОГРАМА

International Economic Relations

**третього (освітньо-наукового) рівня вищої освіти
за спеціальністю 292 Міжнародні економічні відносини**

галузі знань 29 Міжнародні відносини

Кваліфікація: Доктор філософії за спеціальністю

Міжнародні економічні відносини

Розглянуто та затверджено
Вченою радою Університету
(протокол № 76
від «14» 09 2021 р.)

Львів 2021 р.

Розроблено робочою групою за спеціальністю 292 *Міжнародні економічні відносини* у складі:

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Гарант



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підпис

Затверджено та надано чинності Наказом ректора Національного університету «Львівська політехніка» від «20» 09 2021 р. № 78-4-10

Ця освітньо-наукова програма не може бути повністю або частково відтворена, тиражована та розповсюджена без дозволу Національного університету «Львівська політехніка».

ЛИСТ-ПОГОДЖЕННЯ
освітньо-наукової програми

Рівень вищої освіти

третій (освітньо-науковий)

Галузь знань

29 Міжнародні відносини

Спеціальність

292 Міжнародні економічні відносини

Кваліфікація

доктор філософії

СХВАЛЕНО

Науково-методичною комісією спеціальності 292 *Міжнародні економічні відносини*

Протокол № _____
від «__» _____ 2021 р.

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РЕКОМЕНДОВАНО

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Протокол № _____
від «__» _____ 2021 р.

Голова НМР

_____ А.Г. Загородній

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Проректор з наукової роботи

_____ Демидов І.В.
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Проректор з науково-педагогічної роботи

_____ Давидчак О.Р.
«__» _____ 2021 р.

I. EDUCATIONAL COMPONENT OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM

1. Doctor of Philosophy program profile in the field of knowledge 29 "International Relations" in specialty 292 "International Economic Relations"

1 – General information	
Full name of the institution of higher education and structural unit	Lviv Polytechnic National University
Full title of the qualification in the original language	Doctor of Philosophy by Specialty of International Economic Relations
The official name of the educational and scientific program	International Economic Relations
Type of diploma and scope of educational program	Doctor of Philosophy, single, 43 ECTS credits of the educational component of the educational and scientific program, term of the educational component of the educational and scientific program - 2 years
Cycle / level	HPK of Ukraine – 8 level, FQ-EHEA – 3 cycle, EQF-LLL – 8 level
Prerequisites	Level of higher education "Master"
Language (s) of instruction	Ukrainian
Basic concepts and their definitions	<p>The educational and scientific program uses the basic concepts and their definitions in accordance with the Law of Ukraine "On Higher Education" of 01.07.2014 № 1556-VII with changes and additions, the Law of Ukraine "On Education" of 05.09.2017 №2145- VIII with changes and additions, the Law of Ukraine "On scientific and scientific and technical activities" of 26.11.2015 № 848-VIII with changes and additions, the Procedure for training applicants for higher education degree of Doctor of Philosophy and Doctor of Science in higher education institutions (scientific institutions), approved by the Resolution of the Cabinet of Ministers dated 23.03.2016 № 261 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 dated 06.03.2019 №167, Guidelines for developing standards of higher education, approved by the Order of the Ministry of Education and Science of Ukraine dated 01.06.2017 №600 with changes and additions.</p> <p>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 of 23.06.2016). Accredited for the first time.</p>
2 – The purpose of the educational and scientific program	
	To deepen theoretical knowledge and practical skills in the field of international relations in the specialty of international economic relations, to develop philosophical and linguistic competencies, to form universal skills of a researcher sufficient for conducting and successfully completing scientific research and further professional activities.

3 - Characteristics of the educational and scientific program	
Subject area (field of knowledge, specialty)	Field of knowledge 29 "International Relations", specialty 292 "International Economic Relations"
Orientation of the educational and scientific program	The educational and scientific program is based on the fundamental postulates of international economic relations and the results of modern scientific research in the field of theory and practice of global and international economics. Aimed at the development of theoretical-methodological and methodological-applied base of international economic relations with an emphasis on the latest trends in the world economy, which deepens the professional scientific worldview and provides a basis for research and further professional and scientific activities.
Features of the program	The educational and scientific program covers a wide range of modern latest vectors of development of the theory and practice of international economic relations, which forms a relevant theoretical and applied basis for research.
4 – Suitability of graduates of educational and scientific program to employment and further training	
Suitability for employment	Jobs in public and private higher education institutions, scientific and research institutions in the positions of scientific and pedagogical workers and researchers, in enterprises and organizations of various activities and forms of ownership in management positions.
Further training	Scientific program of the fourth (scientific) level of higher education "Doctor of Sciences"
5 – Teaching and assessment	
Teaching and learning	Combination of lectures and practical classes, pedagogical practice, consulting with the supervisor, scientific and pedagogical community and independent scientific and educational work.
Assessment	Exams, tests, current control.
6 – Program competencies	
Integral competence (IC)	Ability to identify and solve complex problems in the field of international economic relations, to hypothesize and generate new ideas for their complex solution, which involves a deep rethinking of existing and the creation of new holistic knowledge in the process of research and professional practice.
General Competences (GC)	<ol style="list-style-type: none"> 1. Acquisition of universal skills of the researcher, in particular the organization and carrying out of educational employment, application of modern information technologies (work with VNS, Microsoft Teams, Zoom, etc.) [draft standard: Ability to acquire universal skills of the researcher: search, systematization and synthesis of information from various sources; Ability to organize and conduct training sessions using theoretical and methodological developments of their own research]. 2. Mastering general scientific (philosophical) competencies aimed at forming a systematic scientific worldview, professional ethics and general cultural outlook; application of modern information technologies in scientific activity (work with NMBD, automatic formation of references to literary sources) [draft standard: Ability to form a systematic scientific worldview, be creative, produce and make informed decisions]. 3. Ability to abstract, critical thinking, analysis and synthesis based on logical arguments and verified facts in conditions of limited time and resources, taking into account the principles of time management. 4. Ability to demonstrate the culture of scientific oral and written speech in state and foreign languages in the design of scientific and academic texts, demonstration of research results in discussions and scientific controversy. 5. Ability to work in a team of researchers, show initiative, take responsibility, motivate people and move towards a common goal, professing and adhering to the principles of scientific ethics, be creative, produce and make informed decisions. 6. Acquisition of universal skills of the researcher, in particular oral and

	<p>written presentation of results of own research in Ukrainian, management of scientific projects and / or drawing up of offers concerning financing of scientific researches, registration of the intellectual property rights, application of modern information technologies.</p> <p>7. Acquisition of language competencies sufficient to present and discuss the results of their scientific work in a foreign language orally and in writing, as well as for a full understanding of foreign scientific texts in the relevant specialty, the use of modern information (presentation of scientific results).</p>
<p>Special (professional) competencies (PC)</p>	<ol style="list-style-type: none"> 1. Ability to demonstrate deep knowledge of modern theoretical, methodological and methodological principles of functioning and development of the world economy and international economic relations. 2. The ability to form a scientific holistic view of the economic unity of the world, the regulatory mechanisms of international economic relations at the national, regional and international levels in the current processes of convergence and divergence. 3. Ability to analytical thinking and practical skills of systematization of information in order to process large data sets, assessing and forecasting international economic and social phenomena. 4. Ability to apply information technology, modern methods of modeling and forecasting using the latest application packages and software products for scientific substantiation and confirmation / refutation of hypotheses. 5. Ability to carry out public approbation of research results, to promote their dissemination in scientific and practical spheres in both Ukrainian and foreign languages. 6. Ability to analyze, systematize and summarize the results of interdisciplinary research in the field of international economic relations and business. 7. Acquisition of in-depth knowledge of the specialty in which the graduate student conducts research, including mastering the basic concepts, understanding of theoretical and practical problems, history of development and current state of scientific knowledge in the chosen specialty, mastering the terminology of the research area
<p>7 – Program learning outcomes</p>	
<p>Knowledge (KN)</p>	<ol style="list-style-type: none"> 1. To generalize, think critically and analyze the phenomena and problems studied, to show flexibility in decision-making on the basis of logical arguments and verified facts in the conditions of limited time and resources on the basis of general scientific methodology. 2. Know the system of higher education in Ukraine, the specifics of professional and pedagogical activities of higher education teachers; use the legislative and regulatory support of higher education, modern means and technologies of organization and implementation of the educational process, various aspects of educational work with students, innovative teaching methods. Critically evaluate their own scientific developments in the implementation of the educational process. 3. Analyze and apply conceptual models, scientific achievements of domestic and foreign scientists, fundamental postulates and theories, paradigms of global economic development, the latest approaches to the functioning and development of the world economy and international economic relations. 4. Have a scientific holistic view of the economic unity of the world, the regulatory mechanisms of international economic relations at the national, regional and international levels in the modern processes of convergence and divergence. 5. Have analytical thinking and methods of systematization of information processing of large data sets, evaluation and forecasting of economic and social phenomena.

Skills (S)	<ol style="list-style-type: none"> 1. Conduct interdisciplinary research on economic processes, with the appropriate level of general scientific competencies that contribute to the formation of a holistic scientific approach, professional ethics and general cultural outlook. 2. Demonstrate a systematic scientific worldview, the ability to think creatively, formulate conclusions and develop recommendations, offer extraordinary approaches using the latest technology in solving problems. 3. To identify scientific and practical problems, to prepare scientific texts and reports, to carry out public approbation of research results in both state and foreign languages, to demonstrate oral and written communication. 4. Apply information technology, modern methods of modeling and forecasting using the latest application packages and software products for scientific substantiation and confirmation / refutation of hypotheses. 5. Demonstrate leadership qualities, interpersonal skills, ability to work in a team of researchers, communicate effectively at the professional and social levels, adhering to the principles of scientific ethics. 6. Carry out public approbation of research results, promote their dissemination in scientific and practical spheres in both Ukrainian and foreign languages.
Communication (COMM)	<ol style="list-style-type: none"> 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 (AR)	<ol style="list-style-type: none"> 1. Ability to independently conduct research and make decisions. 2. Ability to formulate their 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 the implementation of the educational program	
Specific characteristics of staffing	100% of research and teaching staff involved in teaching a series of disciplines that provide special (professional) competencies of the graduate student, have degrees and academic titles
Specific characteristics of logistics	Use of modern software: "MD Office", "Diamond FMS", Financier.
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 Ukrainian universities
International credit mobility	Within the framework of the EU Erasmus + program on the basis of bilateral agreements between Lviv Polytechnic National University and educational institutions of partner countries
Training of foreign graduate students	Possible

**2. Distribution of the content of the educational component
of the educational-scientific program
by groups of components and cycles of preparation**

№	Training cycles	The amount of study load of the graduate student (credits /%)		
		Required 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	21/46	3/6,5	24/52,5
2.	A cycle of disciplines that form professional competencies	10/23	6/13	16/41
3.	Cycle of disciplines of free choice of postgraduate student	-	3/6,5	3/6,5
Total for the entire period of study		31/72	12/26	43/100

3. List of components of the educational component of the educational and scientific program

Code	Components of the educational component	Number of credits	Form of final control
1	2	3	4
1. Mandatory components of the educational component			
<i>1.1. A cycle of disciplines that form general scientific competencies and universal skills of a researcher</i>			
CD 1.1.	Philosophy and methodology of science	3	exam
CD 1.2.	Foreign language for academic purposes, part 1	4	test
CD 1.3.	Foreign language for academic purposes, part 2	4	exam
CD 1.4.	Professional pedagogy	3	test
CD 1.5.	Academic entrepreneurship	4	test
CD 1.6.	Pedagogical practice	3	test
Total per cycle:		21	
<i>1.2. A cycle of disciplines that form professional competencies</i>			
CD 2.1.	Global development of economic systems	4	exam
CD 2.2.	Research seminar in the field of economics, management and international economic relations	3	test
CD 2.3.	Research methods of international economic relations	3	test
Total per cycle:		10	
2. Selective components of the educational component			
<i>2.1. A cycle of disciplines that form general scientific competencies and universal skills of a researcher</i>			
SD 1.1	Business Foreign Language	3	test
SD 1.2	Psychology of creativity and invention	3	test
SD 1.3	Management of scientific projects	3	test
SD 1.4	Technology of registration of grant applications and patent rights	3	test
SD 1.5	Rhetoric	3	test
SD 1.6	Modern inventory in research activities	3	test
SD 1.7	Open scientific practices	3	test
SD 1.8	Academic integrity and quality of education	3	test
SD 1.9	Methodology of preparation of scientific publications	3	test
SD 1.10	Quality of higher education (formation of internal quality assurance systems)	3	test
Total per cycle:		3	
<i>2.2. A cycle of disciplines that form professional competencies</i>			
SD 2.1	Global problems and challenges of economic development	3	exam
SD 2.2	Social responsibility TC	3	exam
SD 2.3	Development of international scientific and technical cooperation	3	exam
SD 2.4	Innovative development of business structures in the context of globalization	3	exam
SD 2.5	Intellectualization and informatization of world economic development	3	exam
SD 2.6	International economic and trade policy	3	exam
SD 2.7	Modeling the development of the global economy	3	exam
SD 2.8	International investment in the context of the global financial market	3	exam
SD 2.9	Features of the European economy	3	exam

1	2	3	4
SD 2.10	International labor market	3	exam
SD 2.11	(Career Management) (English)	3	exam
SD 2.12	Analytical and numerical research methods	3	exam
Total per cycle:		6	
<i>2.3. Cycle of disciplines of free choice of postgraduate student</i>			
SD 3.1	Discipline of free choice of graduate student	3	test
Total per cycle:		3	
TOTAL		43	

4. Matrix of correspondence of program competences to educational components

	CD1.1.	CD 1.2.	CD 1.3.	CD 1.4.	CD 1.5.	CD 1.6.	CD 2.1.	CD 2.2.	CD 2.3.	SD1.1.	SD 1.2.	SD 1.3.	SD 1.4.	SD 1.5.	SD 1.6.	SD 1.7.	SD 1.8.	SD 1.9.	SD 1.10.	SD 2.1.	SD 2.2.	SD 2.3.	SD 2.4.	SD 2.5.	SD 2.6.	SD 2.7.	SD 2.8.	SD 2.9.	SD 2.10.	SD 2.11.	SD 2.12.		
IC	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•	•	•	•		
GC 1				•	•	•	•		•	•	•	•	•	•	•	•	•	•	•														
GC 2	•					•			•	•	•	•	•	•				•	•											•			
GC 3					•		•		•			•																			•		
GC 4		•	•	•						•	•			•																			
GC 5				•		•								•							•												
GC 6				•	•					•	•	•	•	•	•	•	•	•	•											•			
GC 7		•	•							•	•	•	•	•	•	•	•	•	•														
PC 1								•												•													
PC 2								•	•											•				•									
PC 3							•		•											•	•	•	•	•	•	•	•	•	•			•	
PC 4				•			•		•												•	•	•	•		•						•	
PC 5		•	•	•						•				•																•			
PC 6	•				•		•	•	•											•	•												
PC 7										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				

Умовні позначення: CDi – compulsory discipline, SDi – selective discipline, i – the number of the discipline in the list of components of the educational component, IC – integral competence, GCj – general competence, PCj – professional (special) competence, j – competence number in the list of competencies of the educational component.

**5. Matrix for providing software learning outcomes
relevant components of the educational component**

	CD1.1.	CD 1.2.	CD 1.3.	CD 1.4.	CD 1.5.	CD 1.6.	CD 2.1.	CD 2.2.	CD 2.3.	SD1.1.	SD 1.2.	SD 1.3.	SD 1.4.	SD 1.5.	SD 1.6.	SD 1.7.	SD 1.8.	SD 1.9.	SD 1.10.	SD 2.1.	SD 2.2.	SD 2.3.	SD 2.4.	SD 2.5.	SD 2.6.	SD 2.7.	SD 2.8.	SD 2.9.	SD 2.10.	SD 2.11.	SD 2.12.		
KN 1	•				•	•	•	•	•		•				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
KN 2				•		•								•																			
KN 3							•	•	•											•		•			•			•					
KN 4								•	•												•					•							
KN 5					•		•		•			•	•								•	•			•		•						
S 1	•				•	•		•				•	•							•	•								•				
S 2	•			•	•			•	•			•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•		
S 3		•	•	•			•	•	•	•										•	•	•	•	•	•	•	•	•	•	•	•		
S 4					•		•		•											•				•							•		
S 5		•	•	•		•				•	•	•		•																•			
S 6		•	•	•		•				•		•	•	•																			
COMM1		•	•							•				•																			
COMM2						•	•	•	•		•													•									
AR1				•		•		•				•																					
AR2							•	•	•			•																					
AR3				•							•																			•			

Умовні позначення: CDi – compulsory discipline, SDi – selective discipline, i – the number of the discipline in the list of components of the educational component., KNm – program results (knowledge), Sm – program results (skills), m – the number of the program result in the list of program results of the educational component.

The scientific component of the educational and scientific program

The scientific component of the educational and scientific program involves the graduate student's own research under the guidance of one or two supervisors and registration of its results in the form of a dissertation.

The dissertation for the degree of Doctor of Philosophy is an independent research that offers a topical scientific problem in the specialty 292 "International Economic Relations", the results of which are an original contribution to the amount of knowledge in the specialty 292 "International Economic Relations" 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 the postgraduate student and is an integral part of the curriculum of postgraduate study.

An integral part of the scientific component of the postgraduate educational program is the preparation and publication of scientific articles, speeches at scientific conferences, scientific seminars, round tables, symposia, taking into account the "Regulations on Academic Integrity at the National University" Lviv Polytechnic".

Research topics in the specialty 292 "International Economic Relations":

1. Global problems and challenges of economic development.
2. Public-private partnership in the management of the national economy in the context of globalization.
3. The evolution of the system of international economic relations.
4. Economic development of the national economy and development models (factor, sector, etc.) in the modern world economic system.
5. Intellectualization of world economic development and international scientific and technological exchange.
6. Informatization of world economic development and the phenomenon of the "new economy".
7. Human resources and their international movement.
8. Methodology of international marketing and its modern tools.
9. International trade policy.
10. International labor migration, its consequences and regulation.
11. International credit relations and their regulation.
12. International organizations and global institutionalization.
13. International calculations and their modern technologies.
14. National and international (regional) currency systems.
15. Construction of systems for attracting investment in the process of international economic activity in enterprises.
16. Construction of management systems for production and economic activities in enterprises.
17. Construction of management systems for export-import activities at enterprises.
18. Construction of management systems for information support of international economic activity at enterprises.
19. Construction of customs management systems at enterprises.
20. Construction of management systems for international economic activity in enterprises.
21. Foreign direct investment and international production.
22. Resources of world economic development and specialization of the world.

23. Development of international entrepreneurship.
24. Development of process-structured management of international economic relations.
25. Development of cross-border cooperation.
26. The world economy, trends and patterns of its development.
27. World currency market and foreign exchange transactions.
28. The world financial market, trends and patterns of development of its structure.
29. Social dimensions of global economic development.
30. Status, trends and prospects of the world market of goods and services.
31. Formation of global markets and mechanisms of their functioning.
32. Strategies and technologies of international management.
33. Strategies of international economic activity of Ukraine, development and diversification of its forms.
34. Modern systems of planning and organizing business processes of international economic activity.
35. Theories of exchange rates and monetary policy.
36. Theories of international trade and their modern modification.
37. Theory and practice of international business and its modern forms.
38. Management of international economic cooperation of enterprises.
39. Forms and methods of international trade and economic exchange.
40. Formation of the global economic system.
41. Formation and trends in the world labor market.
42. Formation of systems for the administration of enterprises engaged in international economic relations.
43. Formation and development of modern types of economic systems (innovative economy, high-tech economy, information economy, knowledge economy, creative economy), the mechanism of state management.
44. Formation of infocommunication management systems based on the development of IT technologies.
45. Investment and innovation support for the development of the national economy and its subjects in the study of the model of globalization.
46. Formation of a management system of the organization on the basis of taking into account the interests of stakeholders.
47. Development of international economic relations in the context of globalization and European integration.
48. Development of process-structured management in the conditions of cross-border cooperation of enterprises.

III. Certification of graduate students

Attestation of higher education candidates for the degree of Doctor of Philosophy is carried out by a one-time specialized academic council of the higher education institution based on the results of successful implementation of the higher education program "International Economic Relations" and public defense of the dissertation in a one-time specialized academic council.

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

The volume of the main text of the dissertation should be 4.0 - 5.5 author's sheets.

Structural scheme of the educational and scientific program of the Doctor of Philosophy in the specialty 292
"International Economic Relations"

