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

#### APPROVED by

Rector of Lviv Polytechnic National University

\_\_\_\_\_/ Yurii Bobalo/ «\_\_\_\_» \_ \_\_\_\_ 2023

# EDUCATIONAL AND SCIENTIFIC PROGRAMME

for the third (educational and scientific) level of higher education by Programme Subject Area 035 *Philology* in the Field of Study 03 *Humanities* 

**Qualification: Doctor of Philosophy by Speciality of Philology** 

The programme was developed by the Working Group in the specialty 035 Philology consisting of:

Head of the Working Group (Programme Director):	Doctor of Philology, Prof., Head of
O.P. Levchenko	the Applied Linguistics Department
Members:	
I.A. Bekhta	Doctor of Philology, Prof., Professor of the Applied Linguistics Department
I.D. Karamysheva	Ph.D. in Philology, Assoc.Prof., Associate Professor of the Applied Linguistics Department
M. P. Duzha-Zadorozhna	Ph.D. in Pedagogy, Assoc.Prof., Associate Professor of the Applied Linguistics Department
S.V. Druzhbiak	Ph.D. in Philology, Assoc.Prof., Associate Professor of the Applied Linguistics Department
M.P. Dilai	Ph.D. in Philology, Assoc.Prof., Associate Professor of the Applied Linguistics Department
N.I. Romanyshyn	Ph.D. in Philology, Assoc.Prof., Associate Professor of the Applied Linguistics Department
N. M. Hrytsiv	Doctoral student of the Applied Linguistics Department
Y. I. Shyika	Ph.D. in Pedagogy, Assoc.Prof., Associate Professor of the Applied Linguistics Department
Y.V. Hulyk	Assistant of the Applied Linguistics Department
M.M. Lavriv	4th year Ph.D. student, specialty 035 "Philology"
O.V. Hultso	2nd year Ph.D. student, specialty 035 "Philology"
M.M. Maliar	Director of Polyglot PE Translation agency
A.Bordovska	1st year Master's student, specialty 035 "Philology"

Y. Kolesnyk	1st year Master's student, specialty 035 "Philology"

# Programme Director \_\_\_\_\_ Olena LEVCHENKO

Approved and put in force by the Order № of «\_\_» 2023 issued by the Rector of Lviv Polytechnic National University \_\_\_\_\_

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#### **APPROVAL LETTER**

of the educational and scientific programme

Level of higher education Field of study

Programme Subject Area/Specialty Qualification

third (educational and scientific)03 *Humanities*035 *Philology*Doctor of Philosophy

### **APPROVED** by

Scientific and Methodological Board in the specialty 035 *Philology* Meeting minutes №\_\_\_3\_\_\_ of «\_\_» \_\_\_\_2023

#### **CONFIRMED** by

Head of the Educational and Methodological Department \_\_\_\_\_Vasyl TOMIUK «\_\_» \_\_\_\_ 2023

Vice-Rector for Scientific Research

Head of the Scientific and Methodological Board in the specialty 035 *Philology* \_\_\_\_\_Olena LEVCHENKO «\_\_» \_\_\_\_ 2023

Director of the Educational and Research Institute of Computer Science and Information Technology \_\_\_\_\_ Ivan DEMYDOV «\_\_» \_\_\_\_ 2023

Vice-Rector for Education

Mykola MEDYKOVSKYI «\_\_» \_\_\_\_ 2023

Oleh DAVYDCHAK «\_\_» \_\_\_\_ 2023

#### **RECOMMENDED** by

Scientific and Methodological Council of the University Meeting minutes №\_\_\_\_\_ of «\_\_» \_\_\_\_\_ 2023

Chairman of the Scientific and Methodological Council Anatolii ZAHORODNII

# I. EDUCATIONAL COMPONENTS OF THE EDUCATIONAL AND SCIENTIFIC PROGRAMME

# 1. Profile of the PhD programme in the Field of study 03 *Humanities* in the Programme Subject Area 035 *Philology*

	1 - General information
1	2
Full name of higher	Lviv Polytechnic National University
educational institution and structural unit	Institute of Computer Science and Information Technology
Full name of qualification awarded	Doctor of Philosophy in Human Sciences by Speciality of Philology
Official title of the educational and scientific programme	Philology
Diploma type and scope of the educational programme	Doctor of Philosophy diploma (Single diploma), the programme educational component amounts to 43 ECTS credits, duration of the programme is 2 years
Accreditation availability	Exemplary accreditation certificate Decision No. 14(31).1.59 of 23.07.2020
Cycle/Level	NQF of Ukraine – level 8, FQ-EHEA – third cycle, EQF-LLL – level 8
Prerequisites	Higher education degree – Master's diploma
Language(s) of instruction	Ukrainian, English
Basic concepts and their definitions	The educational and scientific programme uses basic concepts and their definitions in compliance with the following:
	- the law of Ukraine "On Higher Education" of 01.07.2014 № 1556-VII as amended;
	- the law of Ukraine "On Scientific, Academic and Technical Activities" of 26.11.2015 No. 848-VIII as amended;
	- the Procedure for academic training of higher education students for the Doctor of Philosophy and Doctor of Science degrees in higher education institutions (research institutions), approved by the Resolution of the Cabinet of Ministers of 23.03.2016 No. 261.
	- Methodological guidelines for higher education standards development approved by the Higher Education Sector of the Scientific and Methodological Council of the Ministry of Education and Science of Ukraine (Minutes No. 3 of 29.03.2016).
Web address link to	https://lpnu.ua/osvita/pro-osvitni-programy
programme description	Goal of the educational and scientific programme
2 - (	
	To expand theoretical and practical skills and qualifications in the field of Human Sciences by speciality of Philology, to develop philosophical and language competencies, to form universal researcher skills sufficient to conduct and successfully complete scientific research and further professional and scientific activities.

3 - Ed	lucational and scientific programme characteristics
Subject area (field of	Field of study – 03 Humanities
study, specialty)	Subject area/Specialty – 035 Philology
Main focus of the programme	The educational and scientific programme is based on the fundamental principles of philology and the results of contemporary scientific research. It is aimed at development of the theoretical, methodological, and applied base of philology, in particular, the analysis of natural language data and conceptual structures for the needs of developing advanced computer information systems, which deepens the professional scientific outlook and provides the basis for conducting research and further professional and scientific practice.
Features of the programme	The educational and scientific programme encompasses a wide range of contemporary innovation vectors of philological science development which forms an updated actualized theoretical and applied basis for scientific research.
	4 - Eligibility of programme graduates for employment and further education
Employment prospects	Jobs in public and private higher education institutions, scientific and research institutions as teachers and researchers, in organizations of various types of activities and forms of ownership in management positions.
Access to further training	Implementation of the scientific programme for obtaining the degree of Doctor of Science.
	5 - Teaching and assessment
Teaching and learning	Combination of lectures and practical classes, pedagogical practice, consulting with supervisors and scientific and pedagogical community representatives, as well as independent research and educational work.
Assessment	Examinations, credit procedures, and regular academic performance assessments.
	6 – Programme competences
Integral competence (IC)	Ability to produce innovative scientific ideas, master the methodology of scientific and pedagogical activity, solve complex problems in the process of innovation, research and professional activity, conduct original scientific research at the international and national levels
General competences (GC)	1. Mastering general scientific (philosophical) competences aimed at forming a systematic scientific outlook, professional ethics and general cultural outlook; application of modern information technologies in scientific activities.
	2.Ability to understand the nature of science, of a scientific problem, methodological features of scientific knowledge; to initiate, plan, implement and adjust a consistent process of thorough scientific research at the appropriate level in compliance with proper academic integrity, to produce innovative constructive ideas and apply non-standard approaches to solving complex and atypical problems.
	3.Acquisition of language competences sufficient to present and discuss the research results in a foreign language in oral and written form, ensuring communication in an academic and professional environment, as well as complete understanding of foreign language scientific texts on theoretical foundations and applied principles of philology.
	4. Acquisition of universal skills of a researcher, including oral and written presentation of own research results in Ukrainian, ability to demonstrate oratory and rhetorical skills, ability to manage research projects and/or

	prepare proposals for research funding, research result commercialisation and registration of intellectual property rights, skills of application of modern information technologies to present scientific research results.
	5.Ability to organise and conduct training sessions of various organisational forms, apply traditional and innovative methods and pedagogical technologies, including modern information technologies, for the purpose of personal, professional and social development of a specialist's personality, based on universal and professional values, achievements of pedagogical science and innovative ideas in the field of education.
	6.Ability to be purposeful and persistent, to make rational decisions; to interact and cooperate in a team work and demonstrate leadership skills in the implementation of research projects; to improve oneself throughout longlife learning, to be aware of social and moral responsibility for the research results obtained, to adhere to moral principles, norms and rules of ethical behaviour, professional activity and professional communication of the academic community.
Special (professional) competences (PC)	1.Acquisition of profound knowledge in the theoretical foundations and applied principles of philology, understanding of contemporary trends in the development of linguistic science, specialized linguistic disciplines, and concepts of modern linguistics. Understanding linguistic phenomena at all levels.
	2.In-depth understanding of the scientific research tools for investigating linguistic phenomena, modern methodologies for developing linguistic resources in automated systems of various profiles.
	3.In-depth understanding of concepts of speech genre in modern theoretical and applied linguistics, as well as the principles of cognitive modeling of discourse.
	4.In-depth understanding of modern methods for conducting research and discourse analysis within the contemporary anthropocentric linguistic paradigm; ability to justify the choice of a method for solving a given task and critically evaluate the obtained results.
	5.Mastery of linguistic terminology, deep understanding of key concepts and principles of modern linguistic science for analyzing linguistic phenomena in their interrelation and interaction.
	6.In-depth understanding of fundamental technologies focused on processing natural language information; understanding the ways to utilize the achievements of classical and contemporary linguistics for solving current tasks in applied linguistics.
	7.Understanding contemporary methodologies for collecting, storing, and representing databases and knowledge in intelligent systems of various purposes, taking into account the achievements of corpus linguistics; effective utilization of linguistic, mathematical, and numerical methods, and stochastic models in linguistics.
	8.In-depth understanding of the principles of developing and improving the software for computerized information and intelligent systems utilized in automated processing of language data, designing intelligent interfaces for specialized text processing programs.
	7 - Programme learning outcomes
Knowledge (KNWL)	1. In-depth knowledge of the conceptual, methodological and methodological foundations of fundamental and applied linguistics, its conceptual and categorical apparatus; knowledge of domestic and foreign scientific research and practical experience in the field of linguistics.

I	2. In-depth knowledge of theoretical and applied principles of specialized
	linguistic disciplines.
	3. Knowledge of contemporary linguistic science concepts and discourse
	cognitive modeling principles.
	4. In-depth knowledge of contemporary analytical and statistical methods of
	linguistic research within the framework of communicative and cognitive
	linguistic approaches.
	5. In-depth knowledge of advanced methods for developing linguistic
	support in different automated systems.
	6. In-depth knowledge of the communicative act modeling principles, taking
	into account the culturally specific features of the community language.
	7. Knowledge and understanding of the philosophical methodology of
	scientific knowledge, psychological and pedagogical aspects of professional
	and scientific activity, continuous professional development and pedagogical
	skills of a researcher; individual scientific viewpoint and moral and cultural
	values.
	8. Knowledge of a foreign language necessary for oral and written
	presentation of research results, communication in academic and general
	professional environment, conducting professional research discussions,
	understanding of foreign language scientific texts on theoretical foundations
	and applied principles of philology.
	9. Knowledge of the conceptual and categorical apparatus of professional
	pedagogy; the concepts and principles of educational process organization;
	modern approaches to planning, organizing and conducting academic and
	research work with students; requirements for the preparation and conduct
	of training sessions.
Skills (SK)	1. Application of professional knowledge of the basic notions and concepts of
	contemporary linguistics to formulate and substantiate new theoretical
	ideas and practical guidelines in a particular research area.
	2. Application of advanced methodology and tools of scientific research,
	development of new technologies and techniques focused on natural
	language data processing in the course of theoretical and empirical research.
	3. Integration and application of the knowledge gained from various specialized linguistic disciplines in the process of solving theoretical and
	applied issues in a specific research area.
	4. Ability to study linguistic phenomena using relevant mathematical and
	computer modeling methods.
	5. Ability to develop and implement linguistic support for electronic
	information systems, electronic language resources for various purposes
	and natural language information processing systems.
	6. Conduction of research and implementation of research projects on the
	basis of identifying topical issues of applied linguistics, defining goals and
	objectives, forming and critically analyzing the information database.
	7. Ability to analyze scientific worldviews; compare different types of
1	
	sciences and their methodological features; find, analyze, comprehend
	sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals,
	sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training
	sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.
	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and</li> </ul>
	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific</li> </ul>
Communication (COM)	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> </ul>
Communication (COM)	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional</li> </ul>
Communication (COM)	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles</li> </ul>
Communication (COM)	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles of speech, methods and techniques of communication, and to demonstrate</li> </ul>
Communication (COM)	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles of speech, methods and techniques of communication, and to demonstrate well-developed research and professional vocabulary skills.</li> </ul>
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	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles of speech, methods and techniques of communication, and to demonstrate well-developed research and professional vocabulary skills.</li> <li>2. Ability to apply advanced information and communication tools and technologies to ensure effective scientific and professional communication</li> </ul>
Autonomy and	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles of speech, methods and techniques of communication, and to demonstrate well-developed research and professional vocabulary skills.</li> <li>2. Ability to apply advanced information and communication tools and technologies to ensure effective scientific and professional communication</li> <li>1. Ability to conduct research and make decisions independently.</li> </ul>
	<ul> <li>sciences and their methodological features; find, analyze, comprehend information and form a database of professional knowledge; design goals, objectives, content and learning outcomes, arrange and conduct training sessions.</li> <li>8. Ability to hold a scientific conversation and discussion in Ukrainian and English professional level-based languages, present findings of scientific research in oral and written forms.</li> <li>1. Ability to communicate using business scientific and professional language with colleagues and research professionals; to apply different styles of speech, methods and techniques of communication, and to demonstrate well-developed research and professional vocabulary skills.</li> <li>2. Ability to apply advanced information and communication tools and technologies to ensure effective scientific and professional communication</li> </ul>

	3. Ability to be aware of and take personal responsibility for the research											
	results, and to adhere to academic and professional integrity.											
8 – Resour	rce support for educational programme implementation											
Specific characteristics of	100% of academic staff involved in teaching the cycle of disciplines that											
personnel provision	provide special (professional) competences of a PhD student have academic											
F	degrees and titles											
Specific characteristics of	Use of innovative software tools:											
logistics support												
	oXygen XML Editor, Python, TRADOS, MAXQDA, BRAT, AntConc.											
Specific characteristics of	Use of the Virtual Learning Environment of Lviv Polytechnic National											
information and												
methodological support	academic staff											
memouological support												
	9 – Academic mobility											
National credit mobility	On the basis of bilateral agreements between Lviv Polytechnic National											
	University and the universities of Ukraine											
International credit	Within the EU Erasmus+ program, on the basis of bilateral agreements											
	between Lviv Polytechnic National University and the educational											
mobility												
	institutions of partner countries											
Training of foreign	Possible											
postgraduate students												

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

		Scope of a PhD student's workload (credits / %)											
№ c/p	Preparation cycles	Mandatory components of the educational programme content	Selective components of the educational programme content	Total for the entire period of study									
1.	Cycle of disciplines that form general scientific competencies and universal skills of a researcher	21/49	3/7	24/56									
2.	Cycle of disciplines that form professional competencies	10/23	6/14	16/37									
3.	Cycle of free choice disciplines	-	3/7	3/7									
Tota	l for the entire period of study	31/72	12/28	43/100									

# **3.** List of the programme educational content components

Code		Number of	Form of			
a/d	Components of the educational programme	credits	final			
			assessment			
1	2	3	4			
	1. Mandatory components of the educational prog	gramme conte	ent			
1	.1. Cycle of disciplines that form general scientific competences researcher	s and universal	skills of a			
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.	Teaching Practice	3	credit			
Total per	cycle:	21				
	1.2. Cycle of disciplines that form professional co	mpetences				
MC 2.1.*	Analytical and Numerical Methods of Research	4	exam			
MC 2.2.*	Research Seminar in Corpus Linguistics	3	credit			
MC2.3.	Theory and Methodology of Applied Linguistics in Diachrony and Synchrony	3	credit			
Total per	cycle:	10 (2+2+4)				
	2. Selective components of the educational progra	(3+3+4)	+*			
2	<i>I</i> . Cycle of disciplines that form general scientific competences researcher *					
SL1.1	Business Foreign Language	3	credit			
SL1.2	Psychology of Creativity and Invention	3	credit			
SL1.3	Management of Scientific Projects	3	credit			
SL1.4	Technology of Processing Grant Applications and Patents	3	credit			
SL1.5	Rhetoric	3	credit			
SL1.6	Modern Inventical Management in Scientific and Research Activities	3	credit			
SL1.7	Open Science Practices	3	credit			
	Academic Integrity and Education Quality	3	credit			

SL1.9	Methodology of Scientific Paper Publishing	3	credit
SL1.10	Quality of Higher Education (Formation of Internal Quality Assurance Systems)	3	credit
Total per	cycle:	3	
	2.2. Cycle of disciplines that form professional com	petences **	
SL2.1	Modeling and Formalization of Linguistic and Speech Units	3	exam
SL2.2	Corpus Linguistic Technologies	3	exam
SL2.3	Automation of Linguistic Research	3	exam
SL2.4	Modern Translation Studies: History, Ideas, Principles	3	exam
SL2.5	Computational, Statistical and Quantitative Linguistics	3	exam
SL2.6	Theory of Terminology and Terminography	3	exam
SL2.7	Modern Linguistic Theories	3	exam
SL2.8	Discourse Studies	3	exam
SL2.9	Theory and Methodology of Communicative Linguistics	3	exam
SL2.10	Internet Linguistics	3	exam
Total per	cycle:	6 (3+3)	
	3. Cycle of free choice disciplines of a PhD stu	dent ***	
SL3.1	Free Choice Discipline of a PhD student	3	
Total per	cycle:	3	
TOTAL		43	

# **3.** Matrix of correspondence between programme competences and educational components

	MC1.1	MC1.2	MC1.3	MC1.4	MC1.5	MC1.6	MC2.1	MC2.2	MC2.3	SL1.1	SL1.2	SL1.3	SL1.4	SL1.5	SL1.6	SL1.7	SL1.8	SL1.9	SL1.10	SL2.1	SL2.2	SL2.3	SL2.4	SL2.5	SL2.6	SL2.7	SL2.8	SL2.9	SL2.10
INT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC1	•			•	•	•	•											•	•	•									
GC2	•				•		•	•	•		•	•	•		•	•	•			•	•	•	•	•		•	٠	•	
GC3		•	•							•																			
GC4					•							•		•	•	•		•			•								
GC5				•		٠											•		•										
GC6	•	•	•	•	•	•	•			•	•	•	٠	•	•		•												
PC1								•	•											•					•	•		•	•
PC2								•	•												•	•		•					
PC3																							•			•	•	•	
PC4							٠	•															•			٠	•	•	
PC5									•											•			•		•		•		•
PC6									٠											•					•	•		•	•
PC7							•	•	٠											•	•	•		•					
PC8								•													•	•		•					

Abbreviations: MCi - mandatory discipline, SLi - selective discipline, i - discipline number in the list of components of the educational content, INT - integral competence, <math>GCj - general competence, PCj - professional (specialist) competence, j - competence number in the list of competences of the educational content components.

# 4. Matrix for correspondence between programme learning outcomes and relevant educational content components

	.1	2	e.	4	ŝ	9	.1	2	3	.1	5	ę	4	Ŋ	9	7	8	6	10	.1	5	3	4	Ń	9	L.	ø	6	10
	MC1.1	<b>MC1.2</b>	MC1.3	<b>MC1.4</b>	MC1.5	MC1.6	MC2.1	MC2.2	MC2.3	SL1.1	SL1.2	SL1.3	SL1.4	SL1.5	SL1.6	SL1.7	SL1.8	SL1.9	SL1.10	SL2.1	SL2.2	SL2.3	SL2.4	SL2.5	SL2.6	SL2.7	SL2.8	SL2.9	SL2.10
KN1	•							٠	•		•		•					•		•			•				٠	•	
KN2								•	•											•			•		٠	•		•	
KN3									•																	•	•		•
KN4							•																			•	•	•	
KN5							•														٠	•		•					
KN6									•														•		٠	•	•	•	
KN7	•			•		•					•	•			•	•	•	•	•										
KN8		•	•							•				٠															
KN9				•		•									•		•												
SK1								٠	•									•		٠					٠				•
SK2								٠	•						•					٠	•	•	•	٠	٠	•	٠	•	•
SK3								٠	•							•		•		٠					٠				•
SK4							•														•	•		•					
SK5															•						•	•		•		•		•	
SK6					•				•			٠																	
SK7	•			•	٠	•		٠				٠					٠		٠										
SK8		•	•							٠				٠															
COM 1 COM	•	•	•	•	٠	•	•			•				٠															
COM		•	•	•		•			•	•				٠	•							•	•	•		•		•	
2 A&R	•				•			•			•	•	•			•		•			•	•		•			•		•
1																													
A&R 2	•			•	•	•	•	•	•		•	•				•	•	•	•	•									
A&R 3				•		•			•		•						•		•	•			•			•	•	•	

**Abbreviations:** MCi – mandatory discipline, SLi – selective discipline, i – discipline number in the list of components of the programme, KNm – program outcomes (knowledge), SKm – program outcomes (skills), m – program outcome number in the list of program outcomes of the educational programme components.

# II. Scientific research components of the educational and scientific programme

The scientific research content components of the educational and scientific programme require the PhD student to conduct individual research under the guidance of one or two supervisors and to present its results in the form of a thesis (dissertation).

The Thesis for obtaining a Doctor of Philosophy degree is an independent detailed research that offers a solution to a relevant topical scientific task within the subject area of 035 *Philology*, the results of which constitute original contribution, reveal scientific novelty and practical value and are published in relevant publication sources.

The scientific research content components of the educational and scientific programme are formalized as an individual plan of a PhD student's research work and constitute an integral part of the postgraduate programme curriculum.

The crucial part of scientific research content of the PhD educational and scientific programme involves research article preparation and publication, making presentation speeches at scientific conferences, professional scientific seminars, round table discussions and symposia.

### Research topics within the programme subject area 035 Philology:

- 1. Applied linguistics theory and methodology.
- 2. Theory and methodology of building corpus systems.
- 3. Corpus-based analysis of semantics, grammar, phraseology, syntax, figurative units of language and speech (metaphor, metonymy, etc.).
- 4. Analysis of word combinations of different types and ways to quantify them.
- 5. Corpus-based analysis of word combinability for the needs of lexicography and terminography.
- 6. Structural information modeling and formalization of language and speech units.
- 7. Methods for identification of different units of language and speech for the needs of corpus linguistics.
- 8. Methods of assessing the language and speech units conventionality for the needs of corpus linguistics.
- 9. Cognitive modeling of the conceptual structure system.
- 10. Categorization analysis.
- 11. Theory and methodology of conceptual analysis.
- 12. Modeling the conceptual structures of language and culture.
- 13. A linguistic and cognitive approach to the analysis of nominative processes.
- 14. Theory and methodology of creating computer lexicographic technologies and systems.
- 15. Theory and methodology of creating computer terminographic technologies and systems.
- 16. Theory and methodology of creating computer conceptual technologies and systems.
- 17. Theory and methodology of discourse analysis.
- 18. Analysis of text-forming categories.
- 19. Analysis of knowledge and ideas structure; mentefacts.

- 20. Problems of generating and understanding discourse.
- 21. Macro- and microstructure of discourse.
- 22. Models of discourse. Intentional models of discourse.
- 23. Information in discourse. Types of information in discourse.
- 24. Analysis of discourse metatextual components.
- 25. Analysis of micropragmatics and its categories.
- 26. Analysis of macropragmatics and its categories.
- 27. Megapragmatics and its categories.
- 28. Pragmatic aspects of intercultural communication.
- 29. Quantitative methods of discourse analysis.
- 30. Theory and methodology of content analysis.
- 31. Theory and methodology of linguistic pragmatics.
- 32. Pragmatic analysis of discourse.
- 33. Linguistic problems of network communications and linguistic internetics.
- 34. Theory, practice and systems of translation from source to target language, specifically machine (automated) translation.
- 35. Interlanguage adaptation systems and interlinguistics.
- 36. Linguistic semiotics.
- 37. Linguistic support of automated information systems.

# Thesis research topics within the programme subject area 035 Philology:

1. Corpus-based analysis of relevant semantic, lexical and phraseological,

grammatical phenomena.

2. Metaphorization specificity in modern texts and automatic/automated metaphor identification.

- 3. Statistical analysis of the linguistic unit compatibility.
- 4. Nominative processes in modern languages: the contrastive aspect.
- 5. Models of different types of discourse.
- 6. Specificity of different types of discourse intertextuality.
- 7. Pragmatic analysis of different style texts.
- 8. Statistical parameters of styles/genres: corpus-based approach.
- 9. Specificity of network communication in different linguistic cultures.
- 10. Innovative phenomena in Internet discourse.
- 11. Semiotics of Internet discourse.

### **III. Attestation of PhD students**

Attestation of higher education applicants for the Doctor of Philosophy degree is carried out by a specialized academic council, permanently active or formed for the onetime thesis defense, on the basis of public defense of scientific achievements and research findings presented in the form of a thesis.

A mandatory requirement for admission to defense is successful completion of the individual study plan by the doctoral student.

Higher education applicants for the degree of Doctor of Philosophy commonly defend their thesis at the meetings of a permanent specialized academic council in a relevant specialty at the higher educational institution that implemented a relevant PhD programme. The Academic Council of a higher educational institution has the right to submit the documents to the National Agency for Quality Assurance of Higher Education and apply for accreditation of a specialized academic council to be established for a onetime defense, or to apply to another higher educational institution where a permanent specialized academic council in relevant speciality operates regularly.



