

SYLLABUS
Spring semester 2024-2025 academic year
Educational program "Scientific Research methods"

ID and name of course	Independent work of the doctoral student (IWD)	Number of credits			General number of credits	Independent work of the doctoral students under the guidance of a teacher (IWDT)
		Lectures (L)	Practical classes (PC)	Lab. classes (LC)		
MNI 7202 Scientific Research methods	3	1,5	15		3	6
ACADEMIC INFORMATION ABOUT THE COURSE						
Learning Format	Cycle, component	Lecture types	Types of practical classes		Form and platform final control	
Offline	The cycle of basic subjects	Theoretical	Task solution, situational tasks			
Lecturer - (s)	Ospanova Gulmariya, PhD					
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Assistant - (s)	Ospanova Gulmariya, PhD					
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ACADEMIC COURSE PRESENTATION						
Purpose of the course	Expected Learning Outcomes (LO) *				Indicators of LO achievement (ID)	
The purpose of course is to develop the Doctor's degree in analyzing methods of formulating the research problem; to define important aspects to research methodology.	1. Able to demonstrate a systematic understanding of scientific information in the field of study, as well as knowledge and mastery of research methods in this area. Formulate the problems and tasks of scientific research in the field of appropriate methodology				1.1 Collect theoretical information, scientific researches about writing scientific work;	
					1.2 research the artwork from a poetic point of view;	
	2. Able to make plan, develop, implement, and adjust a comprehensive research process. Build the trajectory of the relevance of the master's study, setting goals and objectives, research methodology, and the obtained scientific results.				2.1 use methods (research, calculation, analysis, etc.) inherent to the field of study (specifically) individually or in a group teaching and research activities;	
					2.2 make an analysis of learning outcomes of the course, generalize them through scientific essays, presentations, reviews, scientific review, etc.);	
	3. they are able to critically analyze, evaluate and synthesize new and complex ideas; create a scientific work; evaluate the logic of the text; match conclusions with available data; evaluate and determine the significance of a particular product of their own and other scientific activities.				3.1 synthesize, interpret and evaluate the learning outcomes of discipline, modules, midterm exam content (specifically);	
					3.2 analyze dynamics of scientific problems decision of the course (scientific reviews of specific issues researches);	
Prerequisites	History and Philosophy of Science, Organization and Planning of Scientific Researchers, Methodology Problems of Literary and Folklore Study, Information Technologies in Literary Study					
Postrequisites	-					
Learning Resources	Literature: main, additional. 1.А.С.Марауова. Методы научного исследования. Учебник. Алматы: Қазақ университеті. 2023. 2. Hammond, M. Writing a Postgraduate Thesis or Dissertation: Tools for Success (1st ed.). – Routledge, 2022. 3. Anufriev A.F., & Chmel V.I. (2021). The Success of the Diagnostic Activity of an Educational Psychologist and His Psychological Characteristics. Modern Education: Issues and Possibilities, 21-24. Cheboksary: SCC "Interaktiv plus". 4. Kumar R. Research methodology. – London, 2019. 5. Smith, Ian and Felix, Mark Stephan. A Practical Guide to Dissertation and Thesis Writing. Newcastle-upon-Tyne. - UK: Cambridge Scholars Publishing, 2019. 6. Lei Lei, Dilin Liu, Research Trends in Applied Linguistics from 2005 to 2016: A Bibliometric Analysis and Its Implications, Applied Linguistics. Volume 40, Issue 3 -2019.					

7. Snyder H. Literature review as a research methodology: An overview and guidelines. Journal of Business Research. – 2019.
 8. Sh. T. Taubaeva. Scientific pedagogical research methods. Textbook. Almaty: Qazaq University. 2019.
 9. D. Antons, C. F. Breidbach. Big data, big insights? Advancing service innovation and design with machine learning. - Journal of Service Research, 2018.
 10. Rayan M. Literary Theory. A practical introduction. 3rd Edition – Willey Blackwell: John Wiley & Sons Ltd, 2017.
 11. Rayan M., Rivkin J. Literary Theory: An Anthology (Blackwell Anthologies). 3rd Edition. – Willey Blackwell: John Wiley & Sons Ltd, 2017.
 12. Куйкабаева А.А. Ғылыми мақала жазу және шығару. Оқу құралы. Алматы: қазақ университеті. 2015.
 13. Ponomarev A.B., Pikuleva E.A. Research methodology. – Perm, 2014.
- Internet Resources:**
<http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=664AECAC339E0C2AD06D8BAF52BCDD0E?>
https://elar.urfu.ru/bitstream/10995/54030/1/978-5-7996-2256-5_2017.pdf
<http://elib.kaznu.kz/book/13301>
https://www.hneu.edu.ua/wp-content/uploads/2019/01/Aspirantura_Posibnyk_Metodologiya-ta-organizatsiya-naukovyh-doslidzhen.pdf
<https://www.sciencedirect.com/science/article/pii/S0148296319304564>
<https://www.scribbr.com/methodology/literature-review/>
<https://libguides.usc.edu/writingguide/literaturereview>
<https://www.projectguru.in/different-types-of-literature-review-techniques-followed-in-a-thesis-research/>

Academic course policy

The academic policy of the course is determined by the Academic Policy and the Policy of Academic Integrity of Al-Farabi Kazakh National University.
 Documents are available on the main page of IS Univer .

Integration of science and education. The research work of students, undergraduates and doctoral students is a deepening of the educational process. It is organized directly at the departments, laboratories, scientific and design departments of the university, in student scientific and technical associations. Independent work of doctoral students at all levels of education is aimed at developing research skills and competencies based on obtaining new knowledge using modern research and information technologies. A research university teacher integrates the results of scientific activities into the topics of lectures and seminars (practical) classes, laboratory classes and into the tasks of the IWD, which are reflected in the syllabus and are responsible for the relevance of the topics of training sessions and assignments.

Attendance. The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the course. Failure to meet deadlines results in loss of points.

Academic honesty. Practical/laboratory classes, IWD develop the doctoral student's independence, critical thinking, and creativity. Plagiarism, forgery, the use of cheat sheets, cheating at all stages of completing tasks are unacceptable.

Compliance with academic honesty during the period of theoretical training and at exams, in addition to the main policies, is regulated by the "Rules for the final control" , "Instructions for the final control of the autumn / spring semester of the current academic year" , "Regulations on checking students' text documents for borrowings".

Documents are available on the main page of IS Univer .

Basic principles of inclusive education. The educational environment of the university is conceived as a safe place where there is always support and equal attitude from the teacher to all students and students to each other, regardless of gender, race / ethnicity, religious beliefs, socio-economic status, physical health of the student, etc. All people need the support and friendship of peers and fellow students. For all students, progress is more about what they can do than what they can't. Diversity enhances all aspects of life. All students, especially those with disabilities, can receive counseling assistance by phone / e- mail maryama140870@gmail.com or by ZOOM: <https://us05web.zoom.us/j/83270019252?pwd=SNhDPFmp60IgG86DN6LuWR46OzSjbN.1>

Идентификатор: 832 7001 9252
 Код: 5RR8gP

Integration MOOC (massive open online course). In the case of integrating MOOC into the course, all students need to register for MOOC. The deadlines for passing MOOC modules must be strictly observed in accordance with the course study schedule.

ATTENTION! The deadline for each task is indicated in the calendar (schedule) for the implementation of the content of the course, as well as in the MOOC. Failure to meet deadlines results in loss of points.

INFORMATION ABOUT TEACHING, LEARNING AND ASSESSMENT

Score-rating letter system of assessment of accounting for educational achievements				Assessment Methods
Grade	Digital equivalent points	points, % content	Assessment according to the traditional system	Criteria-based assessment is the process of correlating actual learning outcomes with expected learning outcomes based on clearly defined criteria. Based on formative and summative assessment.

A	4.0 _	95-100	Great	Formative assessment is a type of assessment that is carried out in the course of daily learning activities. It is the current measure of progress. Provides an operational relationship between the student and the teacher. It allows you to determine the capabilities of the doctoral student, identify difficulties, help achieve the best results, timely correct the educational process for the teacher. The performance of tasks, the activity of work in the classroom during lectures, seminars, practical exercises (discussions, quizzes, debates, round tables, laboratory work, etc.) are evaluated. Acquired knowledge and competencies are assessed. Summative assessment - type of assessment, which is carried out upon completion of the study of the section in accordance with the program of the course. Conducted 3-4 times per semester when performing IWD. This is the assessment of mastering the expected learning outcomes in relation to the descriptors. Allows you to determine and fix the level of mastering the course for a certain period. Learning outcomes are evaluated.
A-	3.67	90-94		
B+	3.33	85-89	Fine	
B	3.0	80-84		
B-	2.67	75-79		
C+	2.33	70-74		
C	2.0	65-69	Satisfactorily	
C-	1.67	60-64		
D+	1.33	55-59		
D	1.0	50-54		
FX	0,5	25-49	Unsatisfactory	
F	0	0-24		

Formative and summative assessment		Points % content
Activity at lectures		5
Work in practical classes		20
Independent work		25
Design and creative activity		10
Final control (exam)		40
TOTAL		100

Calendar (schedule) for the implementation of the content of the course. Methods of teaching and learning.

A week	Topic name	Number of hours	Max. ball
MODULE 1			
1	L 1. Meaning and characteristics of Research. Basic requirements to introduction of research work	1	1
	PC 1. Analyze principles of scientific research	1	5
2	L 2. Ways of formulating the research problem	1	1
	PC 2. Analyze methods of scientific research	1	5
	IWDT 1. Consultations on the implementation of IWD 1	1	14
3	L 3. Basic requirements to Scientific Research work	1	1
	PC 3. Presentation on the topic "Actual problems of researching the modern Kazakh literature"	1	5
	IWD 1. Analyze writing literature review methods	1	15
4	L 4. Goals and objectives of research work	1	1
	PC 4. Write essay on the topic "Main differences between the general scientific and specific scientific methods"	1	5
	IWDT 2. Identify requirements for doctor's thesis	1	15
5	L 5. Formulating the plan and creating the abstract	1	1
	PC 5. Analyze the main principles of the artistic works' study	1	5
MODULE 2			
6	L 6. Main rules of annotated bibliography	1	1
	PC 6. Analyze famous new research works about literature (2000-2020s)	1	5
7	L 7. Features of using electronic resources in research work	1	1
	PC 7. Presentation on the topic "Relevant novelties in doctor's thesis"	1	5
	IWDT 3. Consultation on the implementation of IWD 2	1	14
Midterm control 1			100
8	L 8. Structural and semantic importance of using illustrations	1	1
	PC 8. Analyze differences of summary and essays	1	5
	IWD 2. Writing literature review technique	1	10
9	L 9. Importance of using the primary and secondary sources in research work	1	1
	PC 9. Identify principles of writing the main part of literary research work	1	5
10	L 10. Main differences between quote, paraphrase and summarize	1	1
	PC 10. Analyze types of textbooks in educational, scientific and cognitive style	1	5
	IWDT 4. Determine structural and semantic definition of educational and scientific texts	1	10
MODULE 3			
11	L 11. Taking notes from scientific and literary works	1	1
	PC 11. Analyze reference requirements	1	5
12	L12. Importance of using scientific research methods	1	1
	PC 12. Analyze conclusion requirements	1	5

	IWDT 5. Consultation on the implementation of IWD 3	1	10
13	L 13. Features of publishing articles in international publications	1	1
	PC 13. Show types of lectures and essays	1	5
	IWD 3. Research scientific and evaluation texts (review)	1	10
14	L 14. Problems of plagiarism in research works	1	1
	PC 14. Analyze style of articles and books in educational, scientific and cognitive style	1	5
15	L 15. Scientific Review Article	1	1
	PC 15. Identify types and features of articles	1	5
	IWDT 6. Consultation on examination issues	1	12
Midterm control 2			100
Final control (exam)			100
TOTAL for course			100

Dean _____ B. Zholdasbekova

Chair of Academic Committee for the
Quality of Learning and teaching _____ Zh. Sarsenbay

Head of Department _____ A. Temirbolat

Lecturer _____ G. Ospanova