

Al-Faraby Kazakh National University
Higher School of Economics and Business
Department of Finance and Accounting

**PROGRAMM AND
MOTHDODOLOGICAL RECOMMENDATIONS FOR RUNNING OF
FINAL EXAM IN DISCIPLINE**

**Methods of Scientific Research
doctorate program for specialty «8D04110-Finance»**

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(Ф.И.О., ученая степень, ученое звание, должность)

The program and methodological recommendations for the final exam in the discipline "**Methods of Scientific Research**" were considered and approved at a meeting of the department "Finance and Accounting"

Protocol № 5 from «17 » November 2021

Introduction

Based on the results of training in 15 weeks, the final exam is carried out in the form of an oral exam. The exam is designed to test students' knowledge of the course, analytical skills and judgment on difficult issues and problem solving.

The process of passing an oral exam for a graduate student involves the creation of examination tickets, to which the graduate student must give an oral answer.

The exam is conducted in the form of an offline oral exam

Number of questions in tickets - 1 (evaluation criteria: argumentation of relevance - 25 points, confirmation by data - 25 points, novelty of an idea - 25 points, consistency of conclusions - 25 points).

Highest score - 100

The exam lasts 1 hour.

Exam schedule according to the schedule in the university system.

Examination control is carried out through the presence of an observer
Exam schedule - according to the schedule in the university system.

Topics for which tasks will be composed:

1. Methodological foundations of scientific research
2. Search, collection and processing of the literature
3. The goal and tasks of scientific research. Construction of hypotheses
4. Formation of the steps of the research
- 5 Research methods and scientific approaches of their application
- 6 Quantitative methods in scientific research. Part 1
- 7 Quantitative methods in scientific research. Part 2
- 8 Mathematical statistical methods of data analysis. Part 1
- 9 Mathematical statistical methods of data analysis. Part 2
- 10 Quantitative expert methods
- 11 Qualitative research methods Part 1
- 12 Qualitative research methods Part 2
- 13 Qualitative expert research method
- 14 Construction of the research results

During the exam, students must be able to:

- demonstrate the acquired knowledge in the main categories of Scientific Research;
- describe an understanding of the general structure of the field of study and the links between theoretical foundations and modern practice of Scientific Research;
- analyze the forms of Scientific Research;

- use knowledge on the most important methods and instruments to conduct Scientific Research.

Program of Exam for Discipline «Methods of Scientific Research»

1. The essence and types of scientific methods.
2. Methods and examples of their use that you plan to carry out related to the topic of your dissertation and research.
3. The concept of scientific research.
4. The structure of scientific research.
5. The main forms of scientific research.
6. The concept and essence of scientific projects - forms, tasks and structure.
7. Basic forms and methods of research
8. The structure of the scientific work of your dissertation and research.
9. The structure of a scientific dissertation, what scientific problems do you plan to consider in your future dissertation.
10. The purpose and objectives that you plan to consider in your future thesis.
11. A sample introduction to your future article.
12. Brief description and structure of the scientific article
13. Features and application of quantitative research methods.
14. Features and application of quantitative expert research methods.
15. Important evidence and their forms for proving a scientific hypothesis.
16. The novelty and relevance of scientific papers provide samples on the topic of your dissertation.
17. Features and application of mathematical and statistical research methods.
18. Features and application of qualitative research methods.
19. Analysis of scientific problems on the topic of your dissertation and research.
20. Review of reference literature on the topic of your dissertation and research.
21. Features and application of qualitative expert research methods.
22. Swot analysis on the topic of your dissertation and research.
23. Interconnection of goals, objectives and research methods.
24. Drawing up conclusions based on the research results.
25. Object and subject of research on the topic of your dissertation.
26. Analysis of reports and articles of international organizations related to the topic of your research (OECD, UN, World Bank, etc.).
27. Stages of research work that you plan to implement during your studies at the university.
28. How do you plan to experience practical testing and implementation of research results.
29. A sample of a scientific article on the topic of your dissertation and research.

30. Samples of scientific opinions and proposals on the topic of your dissertation and research.
31. Analysis of scientific information and sources that you come across in your research work.
32. Forms and samples of links, information sources and analytical information that you have already collected for the study, describe their content and importance for the study.
33. The value of substantiation and argumentation of the relevance of the research topic.

Recommended references for preparation to final exam:

1. Research Methods training Manual Compiled and Edited by Ran Greenstein Written by: Benjamin Roberts (HSRC) Ari Sitas (University of Natal) Ran Greenstein (University of the Witwatersrand), 2018
2. Ponomarev A, Pikuleva E. Methodology of scientific research. - Ed. 2nd, - Moscow: 2017.-185 p.
3. Korotkina A. Academic writing: process, product and practice Textbook for universities. 2018 - 50 p.
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5. World Bank. Global Economic Prospects, June 2020 / <https://openknowledge.worldbank.org/handle/10986/33748>
6. Open knowledge repository of World Bank. Policy Research Working Papers, 2020 / <https://openknowledge.worldbank.org/handle/10986/9>
7. The Law of the Republic of Kazakhstan “On the National Bank of the Republic of Kazakhstan”
8. The Law of the Republic of Kazakhstan “On Banks and Banking in the Republic of Kazakhstan”.
9. The Law of the Republic of Kazakhstan “On state regulation and supervision of the financial market and financial organizations”.
10. The state program of industrial and innovative development of the Republic of Kazakhstan, approved by Decree of the President of the Republic of Kazakhstan No. 874.
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13. Divergent monetary policies and the world economy. Report by Vitor Constancio, Vice-President of the European Central Bank, October 15, 2018
14. Bank of International Settlements, 2019: BIS Quarterly Review - International Banking and financial market developments, March 2019
15. Buitron, Carolina O and Esteban Vesperoni. Spillover Implications of Differences in Monetary Conditions in the United States and the Euro Area. International Monetary Fund, 2015
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- 2 17 Kazbekova K. Bohayev D. Adambekova A. Bank Risk Management in the Conditions of Financial System Instability. Entrepreneurship and sustainability issues // Entrepreneurship and sustainability issues, Вильнюс 2020, 7. – С.1599-1614
- 3 18. Report on the activities of the Kazakhstan Stock Exchange for 2014.
19. The current state of the banking sector of the Republic of Kazakhstan as of September 1, 2017. National Bank of the Republic of Kazakhstan. 2017
20. Berzon, D.M. Kasatkin, A.Yu. Arshavsky. - М .: Yurayt, 2018 .-- 537 p.
21. Berdnikova, T.B. Securities Market: Past, Present, Future: Monograph / T.B.

Berdnikova. - M .: INFRA-M, 2018 .-- 397 p.

22. Economic Review of the National Bank of the Republic of Kazakhstan

23. The journal "Bulletin of KazNU named after al-Farabi (economic series)"

24. The magazine "Kazakhstan Securities Market"

25. www.nationalbank.kz.

26. www.kase.kz