

AL-FARABI KAZAKH NATIONAL UNIVERSITY

FACULTY OF MEDICINE AND HEALTHCARE

CHAIR OF EPIDEMIOLOGY, BIostatISTICS AND EVIDENCE-BASED  
MEDICINE

**PROGRAM FINAL EXAM BY DISCIPLINE**

## Global Health and Development

5 credits

Composer: Associate Professor F.A.Iskakova

**LMC OF COURSE IS APPROVED**

**On Academic Council of Medicine and Public Care Faculty  
Protocol N from “ “\_\_\_\_\_2025.**

**Reviewed and recommended at the meeting of  
Epidemiology, Biostatistics and Evidence-Based Medicine  
Department from “ “ \_\_\_\_\_ 2025, Protocol N  
Recommended by the faculty methodical bureau  
« \_\_\_\_\_ »2025, Protocol N**

Almaty, 2025

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## **PROGRAM OF FINAL EXAM ON DISCIPLINE “GLOBAL HEALTH AND DEVELOPMENT”**

Study topics for the exam: The final exam is conducted in the form of an "essay". Thematic content covers all types of work: topics of lectures and seminars, as well as assignments for independent work of 8D10101 specialty “Public Health”.

### **Learning outcomes:**

1. To develop students' understanding of fundamental concepts and terminology in global health.
2. To introduce the main global health challenges and their distribution around the world.
3. To analyze the social, economic, environmental, and political determinants of health that transcend national borders.
4. To study the role of key actors in global health (WHO, UN, World Bank, NGOs).
5. To study the Sustainable Development Goals (SDGs) and analyze the links between health, poverty, and development.
6. To develop skills in critical thinking, data analysis, and working with scientific literature on global health.

### **List of topics to prepare for the exam**

#### **Module 1. Bases of Bioethics**

- TOPIC1. Introduction to Global Health.
- TOPIC2. Global Burden of Disease.
- TOPIC3. Global-scale Determinants of Health.
- TOPIC4. Health and Development. Sustainable Development Goals (SDGs).
- TOPIC5. Infectious Diseases in the Global Context.
- TOPIC 6. Non-communicable Diseases (NCDs) as a Global Challenge.
- TOPIC7. Maternal and Child Health. Reproductive Health.
- TOPIC8. Nutrition and Food Security.
- TOPIC9. Climate Change and Planetary Health.
- TOPIC10. Health Systems in Different Countries of the World.
- TOPIC11. Key Players in Global Health.
- TOPIC12. Humanitarian Crises and Health.
- TOPIC13. Ethics and Human Rights in Global Health.
- TOPIC 14. Global Health in the Post-COVID-19 Era.
- TOPIC 15. The Future of Global Health: Challenges, Technologies, and Ethics.

## EXAM RULES

1. At the time set by the teacher, master students are authorized in the IIC UNIVER and get access to the task "Final exam in the discipline".
2. Learn the topics of the instructor's essay.
3. Perform the task within 3 hours
  - 3.1 Load the completed work IIC UNIVER in the element "Final exam in the discipline",
  - 3.2 select the item "Add answer to the task",
  - 3.3 upload their works in the file upload field,
  - 3.4 click "Save".

### The form of the final control (exam): WRITTEN- ANSWER TO QUESTIONS

Form of conducting final control (exam) *.	Used platform	For whom recommend	Availability of proctoring, video recording, verification for plagiarism	Possibility Automatic generating of tickets/questions	How is done verification of works
WRITTEN: ANSWER TO QUESTIONS	IIC UNIVER	For bachalors	Proctoring - no. Video recording at individual work - not required. Mandatory check for plagiarism in the works of doctoral student Topic Provided automatic check work for availability plagiarism with using 2 services: Antiplagiarism (required) and Strike Plagiarism (if necessary). 1 PPP check for 1 time of exam paper. Using Antiplagiarism system. PPP can provide possibility of checking work for a PhD student - 1 attempt configures in system teacher).		1. Teacher discipline gets result 2. Transfer points to IS Univer Statement.

### Typology and approximate content of exam tasks:

Traditional grade	Scores	Characteristics
Perfect	90-100	The task was generally completed. The work was done independently and at a high scientific and methodological level. The text of the response shows that the student can reflect (evaluating and processing) mastered scientific methods activities and is also able to offer concepts. The work presents the author's vision of the problem and the corresponding argumentation. The work is done neatly; the student owns professional terminology.
Good	75-89	The work is generally well written, but the author does not disclose or fully illuminate individual topic question. The work does not present the author's vision. There are some inaccuracies, but they do not relate to the main content of the work. The answer reveals knowledge and understanding of the material by no less than 75%.
Satisfactory	50-74	The task was generally completed, but the author did not demonstrate problem analysis skills, not disclose or not highlight individual topic question. The work does not represent the author's vision of the problem. The author does not know enough about the methodology of scientific research. The answer contains inaccuracies related to the main content of the question.
Unsatisfactory	0-49	The task was not completed or completed in less than 50%. The task was not completed correctly.

#### References:

##### The Main Literature:

1. Textbook of Global Health (4th Edition) Anne-Emanuelle Birn, Yogan Pillay, Timothy H. Holtz
2. Global Health Essentials Mario C.B. Raviglione, Fabrizio Tediosi, et al.
3. International Health: An Interdisciplinary Perspective (3rd Edition) Raywat Deonandan
4. Marmot, Michael, et al. Closing the gap in a generation: health equity through action on the social determinants of health. Lancet 2008; 372: 1661-69.

##### The Additional Literature:

5. Rothman, Kenneth J.; Greenland, Sander; Lash, Timothy L. Modern Epidemiology, 3rd Edition - 2008  
Lippincott Williams & Wilkins

Research infrastructure

Auditorium Internet resources

1. Kaznu Library
2. MOOC / video lectures, etc. 3. www.who.org
4. www.cdc.gov
5. <https://pubmed.ncbi.nlm.nih.gov/> Software (optionally)
  1. IBM SPSS – 26 version
  2. Excel program