

**Information about disciplines in the specialty 7M10103 Public health
Scientific and pedagogical direction (2 years)**

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| 1 | Name of educational programme | Public health |
| 2 | Type of EP(current, new, innovative) | current |
| 3 | Purpose of the EP | The purpose of this education programme is to train competent public health professionals, public health leaders with strategic, analytical and systemic thinking and evaluation skills who can demonstrate the ability to formulate and manage PH policies effectively. |
| 4 | Features of the EP (none, joint, double-diploma) | NO |
| 5 | Partner university | NO |
| 6 | Learning outcomes (at least 8 LO) | <p>LO 1 Be able to assess the health of the population and its individual groups and identify public health problems;</p> <p>LO 2 Be able to justify public health priorities, set goals and objectives, organize data collection, analyze, interpret and disseminate them. Be able to evaluate the public health system;</p> <p>LO 3 - Assess the impact of the environment on the health of society and certain groups of society, propose ways to manage it;</p> <p>LO 4 - Advanced thinking skills, including the ability to identify, evaluate, and provide structured arguments. Constantly looking for new ideas and creative solutions, and is able to determine the significance and importance of ideas related to work, has the ability to reflect his own beliefs and values related to professional activities, demonstrates an unbiased attitude to health care and contributes to its changes if necessary;</p> <p>LO 5- Knows how to ensure constant updating of knowledge and expansion of professional abilities and skills. Expands and deepens the knowledge necessary for professional activities and continuing professional education, demonstrates the value of lifelong learning by example. The undergraduate is able to integrate knowledge of different disciplines to solve problems in new unfamiliar conditions;</p> <p>LO 6 – Able to integrate various functional aspects of management, based on knowledge of theory, modern research and practical requirements;</p> <p>LO 7 - Can design, implement, manage and evaluate community-based health and community development strategies using standard health care tools and taking into account issues of power and politics, providing cases for the chosen intervention option;</p> <p>LO 8 – Organization, implementation and evaluation of health promotion and education based on evidence-based methods in public health.</p> |
| 7 | Form of study | Full-time |

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| 8 | Language of instruction | Russian |
| 9 | Volume of credits | 120 |
| 10 | Academic degree awarded Master's degree | Master |
| 11 | Accreditation of the EP (name of accreditation body, term of accreditation) | Master of Medical Sciences in the educational programme «Public Health» |

Information on disciplines

| Name of discipline | Short description of discipline | Cycle | Component | Credits | Formative learning outcomes (cods) | | | | | | | | Semester |
|-----------------------------------|--|-------|-----------|---------|------------------------------------|------|------|------|------|------|------|------|----------|
| | | | | | RO 1 | RO 2 | RO 3 | RO 4 | RO 5 | RO 6 | RO 7 | RO 8 | |
| History and Philosophy of Science | Deepening and developing skills for practical knowledge of everyday speech and the language of the specialty for active use of a foreign language in both everyday and professional communication. | BD | UC | 5 | | | | | + | | + | + | 1 |
| Foreign language (professional) | Knowledge of the means and methods of modern science is a necessary condition for independent creative scientific work and allows us to distinguish genuine scientific work from pseudoscientific constructions. Undergraduates must acquire the knowledge, skills, and skills necessary for the successful analysis of philosophical and worldview, epistemological, and logical-methodological issues that arise in their professional activities. | BD | UC | 5 | | | | + | + | | | + | 1 |
| Pedagogy of higher education | «Pedagogy» - should acquaint students with the tasks of medical education, innovative teaching methods. To | BD | UC | 5 | | | | | + | + | | | 1 |

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| | acquaint future specialists with the basics of teaching related to the use of modern learning technologies. | | | | | | | | | | | | |
| Psychology of management | Discipline contributes to the formation of ideas about modern trends in scientific management - a new scientific management paradigm, helps to navigate in the main sections of this discipline: the psychological content of managerial activity, the individual managerial concept of the leader, the theoretical foundations of managerial interaction, the psychological characteristics of the implementation of the basic managerial functions, the psychology of the subject of managerial activity. It is aimed at acquiring the skills of psychological analysis of the relationship between organizational problems and the quality of the manager`s implementation of his managerial functions. | BD | UC | 2 | | | | + | + | + | | | 1 |
| Training practice | Formation of knowledge, abilities, skills in the course of research activities, solving typical scientific problems | BD | UC | 3 | | | | | | | | | 2 |
| Organization and management in the healthcare system | The purpose of the discipline is to master students theoretical knowledge, in the formation of professional skills in the field of management of a medical organization | BD | EC | 15 | | + | + | + | | | + | + | 3 |
| Biostatistics and epidemiology | The acquisition of knowledge about the basics of biomedical statistics and its application in medical research, | PD | UC | 10 | + | | + | | | | | | 14 |

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| | methodological tools for descriptive and analytical statistics, types and characteristics of biomedical research, experimental and clinical research. | | | | | | | | | | | | |
| Policy, economy and management in health care | The main goal of this course is to study the ability of modern organizations to use the achievements of the theory and practice of modern management. The course aims to develop effective management skills and the ability to make informed management decisions in the field of healthcare management | PD | UC | 8 | | + | + | + | | + | | | 2 |
| Advance of health | The goal is to study the most effective methods of strengthening the health of the population at all levels, the most important areas of human behavior that affect the state of his health - nutrition, physical activity, bad habits (smoking, alcohol and drugs), and mental health are examined. | PD | UC | 8 | + | | + | | | | + | | 2 |
| Introduction to science of public health care | To familiarize the student with the theoretical and methodological foundations of creating a public health service, present the main operational functions of public health. | PD | UC | 8 | | + | + | | | | | + | 2 |
| Ecological epidemiology | Relevance, ways to solve the environmental impact on the human environment | PD | UC | 8 | + | | + | | + | | | | 3 |
| Problems of health of the social and unprotected population | The purpose of mastering the discipline is to prepare a specialist who has the knowledge and skills to assess public health and its determining factors; systems ensuring the preservation, | PD | UC | 7 | + | | + | | | | + | | 3 |

