**For the register of educational programs**

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| 1 | Name of the educational program | Health economics |
| 2 | Type of EP (current, new, innovative) | new |
| 3 | The purpose of the EP | Training of highly qualified, competitive specialists in the field of health economics, who have a wide range of skills to work in the medical services market. |
| 4 | Features of the EP (no, joint, double-diploma) | no |
| 5 | Partner university | no |
| 6 | Learning outcomes (at least 8 LO) | Upon successful completion of this program, the undergraduate will:LO 1 - demonstrate leadership and communication skills, including knowledge of a foreign language, in the implementation of their professional skills.LO 2 - evaluate and use modern management methods to solve economic problems in the management of the organization.LO 3 - apply analytical and constructive thinking that helps to anticipate the economic impact of the organization.LO 4 - analyze the factors, own the figures and calculations specific to the healthcare system in accordance with the regulatory and legal documentation.LO 5 - apply methods for calculating the economic indicators of the health care system and its components when planning the budget.LO 6 - analyze medical data for the implementation of a comprehensive assessment and monitoring of economic indicators.LO 7 - apply marketing research methods in the healthcare system, taking into account current marketing routes.LO 8 - apply new knowledge and skills of an applied nature in managing change and innovation, conduct market research, identify needs and ways to implement them in the health system. |
| 7 | Form of study | Full-time |
| 8 | Language of instruction | Russian, Kazakh |
| 9 | Number of credits | 1.0 year, 60 credits |
| 10 | Awarded Academic Master's Degree | Master of Healthcare in Educational Program "Health Economics" |
| 11 | EP accreditation (name of the accreditation institution, validity period of accreditation) | no |

**Information about disciplines:**

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| **№** | **Name of disciplines** | **Discipline summary** | **Cycle** | **Component** | **Credits** | **Learning outcomes (codes)** |
| **LО 1** | **LО 2** | **LО 3** | **LО 4** | **LО 5** | **LО 6** | **LО 7** | **LО 8** |
| 1 | Foreign language (professional) | **Purpose of the module:** the course is aimed at mastering a foreign language, the necessary and sufficient level of communicative competence to solve social and communicative problems in various areas of everyday, cultural, professional activities when communicating with foreign partners, as well as for further self-education. | BPQ | UK (university component) | 2 | + |  | + |  |  |  |  |  |
| 2 | Economy management | **The purpose of the module:** training in the application of the principles of economics management in medical organizations. Within the framework of this course, medical organizations are considered as a key link in the economy and undergraduates form a complex of knowledge about modern methods of managing an enterprise, the laws of its functioning, managing all types of its activities in order to increase profitability and efficiency. Mastering modern management methods for solving economic problems in the management of a medical organization. | BPQ | UK (university component) | 2 |  | + |  |  |  |  |  |  |
| 3 | Psychology of management | **The purpose of the module:** The course is of interest to modern management trends - a new managerial paradigm that helps to navigate 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 and the psychology of the subject of managerial activity. | BPQ | UK (university component) | 2 |  | + | + |  |  |  |  |  |
| 4 | Risk management  | **The purpose of the module:** The course provides an opportunity to gain knowledge about the risks and consequences associated with economic performance and professional reputation, as well as ecology, safety and social outcomes. They will be trained to conduct risk assessment, risk processing, risk acceptance. To apply the culture, policies, procedures and methods of management to the tasks of identification, analysis, assessment and processing of risk, as well as to effectively allocate and apply resources in monitoring risks. | BPQ | OC (optional component) | 4 |  |  |  | + |  | + |  |  |
| 5 | Budget and budgetary health care system | **The purpose of the module:** the course is aimed at acquiring theoretical and practical skills on the formation of revenues and expenditures of the health care budget, the formation of budgets at various levels, organizations for their implementation. Master the methods for calculating the economic indicators of the health care system and its components when planning the budget. | BPC | UK (university component) | 3 |  |  |  |  | + | + |  |  |
| 6 | Analytical methods in economics | **The purpose of the module:** to acquire skills in the field of financial analysis based on mathematical, probabilistic, statistical models and the apparatus of financial mathematics, as well as skills in working with standard software that allows you to implement a research model and conduct analytical work. Assess the impact of fluctuations of various indicators underlying the evaluation of efficiency on the final conclusions. | BPC | UK (university component) | 3 |  |  | + |  |  |  |  |  |
| 7 | Public Procurement Management in Healthcare | **The purpose of the module:** mastering the methods of public procurement management;- will apply a systematic approach in the study and resolution of problems of managing the system of state orders at the republican and regional levels. | BPC | UK (university component) | 2 |  |  |  | + |  | + |  |  |
| 8 | Healthcare Marketing | **The purpose of the module:** the course will provide an opportunity to gain knowledge and skills in the use of methods and calculations: product positioning and its life cycle; product development; formation of prices for medical services. Conduct marketing research in the healthcare system, understand integrated marketing communications. Modern information technologies and marketing research: definition of the problem, goals and objectives of the study. Research forms. Development of a research plan. Experiments and their role in marketing research. Data collection methods. | BPC | UK (university component) | 3 |  |  |  |  | + |  | + |  |
| 9 | Management of changes and innovations in Healthcare | **The purpose of the module:** The course is aimed at studying the types of innovations and acquiring basic skills for use in the healthcare system, where they face huge market shocks. The implemented innovative technologies of organization and management make it possible to achieve an increase in the efficiency of medical organizations and significant medical and social effects: to ensure a high level of diagnosis and treatment, accessibility, quality of medical care, which contributes to the strengthening of public health. Accordingly, undergraduates will also be trained in change management. | BPC | OC (optional component) | 4 |  | + |  |  |  |  |  | + |
| 10 | Financial Modeling | **The purpose of the module:** This course will provide skills in building financial models, evaluating the quality of financial models, evaluating the effectiveness of investments, preparing financial statements, identifying and evaluating financial risks and calculating economic indicators specific to the healthcare system. | BPC | OC (optional component) | 3 |  | + |  |  |  |  |  | + |
| 11 | Economic sociology in health care | **The purpose of the module:** to form undergraduates' ideas about the social mechanisms and reserves of economic development in healthcare, approaches to their knowledge from the standpoint of sociological science, developing the skills to apply this knowledge to the analysis of real processes and situations in the course of professional activity. | BPC | OC (optional component) | 2 |  |  |  |  |  |  | + | + |
|  | **II semester** |
| 12 | Internship | Acquisition of practical skills (application of methods, calculations, preparation of financial statements, etc.) in healthcare organizations, regardless of the form of ownership, or in a State body, organization in the healthcare system | BPC  | Internship | 5 | + | + | + | + | + | + | + | + |
| 13 | Experimental research work of a master student, including the implementation of a master's project | Gaining experience, developing a plan for research work, mastering the methods of analysis and determining the objectives of the study. The experimental research work of a master student involves an internship and the implementation of a master's project in a medical organization in departments, departments, dealing with economic issues. |   |   | 13 | + | + | + | + | + | + | + | + |
| 14 | Final examination. Design and defense of the master's project. | Project design for the purpose of practical implementation in a healthcare organization, regardless of the form of ownership, or in a State body, an organization in the healthcare system. |   |   | 12 | + | + | + | + | + | + | + | + |
|  |  | **Total** |  |  | **60** |  |  |  |  |  |  |  |  |