**For the registry of educational programs**

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| 1 | Name of the educational program | 7M10101 Nursing (scientific and pedagogical direction) |
| 2 | Type of the EP (current, new, innovative) | current |
| 3 | Objective of the EP | The main goal of the program is to develop students' knowledge, skills and abilities in applying the principles of evidence-based medicine in nursing |
| 4 | Features of the EP (none, joint, double-degree) | no |
| 5 | Partner university | - |
| 6 | Learning outcomes (at least 8 LO) | LO-1 Clearly and unambiguously communicates information, ideas, conclusions, problems and solutions to both specialists and non-specialists in their field of qualification in the field of healthcare;  LO-2 Plans professional activities in their field of qualification in the field of healthcare, based on modern achievements of science and practice;  LO-3 Engages in professional growth, demonstrates self-analysis skills, experience for teaching at the level of higher education;  LO-4 Uses language material convincingly with sufficient reasoned language means for a given level, promptly and independently corrects errors with 75% of error-free statements;  LO-5 Has mastered the strategy and tactics of constructing a communicative act, correctly formulates speech intonation, relying on lexical sufficiency within the framework of the speech topic and grammatical correctness.  LO-6 Demonstrates knowledge and understanding of the interdisciplinary nature of research in nursing;  LO-7 Is able to acquire new knowledge and skills of an applied nature in research, professional and pedagogical activities in nursing.;  LO-8 Is able to solve problems in nursing within the framework of his qualification based on scientific approaches;  LO-9 Uses scientific information to develop nursing and introduce new approaches within the framework of his qualification. |
| 7 | Form of education | Full-time |
| 8 | Language of instruction | Russian, Kazakh |
| 9 | Volume of credits | 2 years |
| 10 | Awarded academic degree master | Master of Medical Sciences in the educational program 7M10101 «Nursing» |
| 11 | Accreditation of the educational institution (name of the accreditation body, validity period of accreditation) | Certificate of the National University «Independent Agency for Accreditation and Rating» №АВ 4115 dated 29/04/2022 |

**Information about disciplines:**

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| **№** | **Name of disciplines** | **Brief summary of discipline** | **Cycle** | **Component** | **Credits** | **Formed learning outcomes (codes)** | | | | | | | | |
| **LO 1** | **LO 2** | **LO 3** | **LO 4** | **LO 5** | **LO 6** | **LO 7** | **LO 8** | **LO 9** |
| 1 | History and philosophy of science | Study of the main stages of development of science, philosophical concepts of scientific knowledge, the role of science in modern society. Master's students become familiar with the philosophical and historical aspects of the scientific method, as well as the influence of science on social and cultural changes. | BD | UK | 5 |  |  |  | + |  | **+** | **+** | **+** | **+** |
| 2 | Foreign language | Objective of the course: the course is aimed at mastering a foreign language, the necessary and sufficient level of communicative competence for solving social and communicative problems in various areas of everyday, cultural, professional and scientific activities when communicating with foreign partners, as well as for further self-education. Teaching methods used: group work, discussion. | BD | UK | 3 | + |  |  | + | + | **+** |  |  |  |
| 3 | Higher school pedagogy | The course is aimed at studying the principles and methods of pedagogy, developing educational programs, as well as methods of teaching and assessing knowledge in higher education. Master's students study didactic approaches, modern pedagogical technologies and methods of managing the educational process. | BD | UK | 3 |  |  |  | + |  |  | + |  |  |
| 4 | Management psychology | The objective of the course: to help master's students develop an understanding of modern management trends — a new management paradigm. The course helps to navigate the main sections of the discipline: the psychological content of management activity, the individual management concept of the manager, the theoretical foundations of management interaction. The teaching methods used: group work, discussion. | BD | UK | 3 |  |  | **+** |  |  |  | **+** |  | **+** |
| 5 | Pedagogical practice | Practical work in educational institutions to gain experience in teaching, developing educational materials and conducting classes. Master's students practice pedagogical competencies under the guidance of mentors. | BD | UK | 6 | **+** |  | + | + |  |  |  |  |  |
| 6 | Theory and principles of pedagogy in nursing education | The course is aimed at studying modern theoretical foundations of pedagogy applied in training nurses. Master's students study the principles of teaching, development of educational programs and organization of the educational process in the field of healthcare. | BD | UK | 5 | + |  | + |  |  | **+** |  |  |  |
| 7 | Project management in nursing (hereinafter referred to as N) | Objective of the course: during the study of this course, master's students will become familiar with the basic principles and tools of project management used in nursing practice. The course is aimed at developing competencies in the field of planning, organizing and monitoring nursing projects, including resource management and communications in the medical environment. | BD | UK | 5 |  |  |  |  |  |  |  |  |  |
| 8 | **Elective component** | Study of disciplines corresponding to the individual interests and direction of scientific research of master's students. Disciplines are selected from the list of elective courses offered by the university. | **BD** | **EC** | 5 | + | + | + | + | **+** | **+** | **+** | **+** | **+** |
| 9 | Elective component according to the catalogue of elective disciplines (selected depending on the direction and updated annually) | The disciplines provide an opportunity for in-depth study of specialized topics related to the areas of training for master's students. The catalog is updated annually. | BD | EC | 5 | + | + | + | + | **+** | **+** | **+** | **+** | **+** |
| 10 | Implementation of Evidence-Based N | The course is devoted to the principles and methods of introducing evidence-based medicine into nursing practice. Master's students master the skills of critical analysis of scientific data and their application to improve the quality of nursing care. | SD | UK | 5 | + |  | + |  |  | **+** |  |  |  |
| 11 | Methodology and methods of scientific research in N | Master's students study the basics of planning, conducting and analyzing scientific research in nursing. The course includes methods of collecting, processing and interpreting data. | SD | UK | 5 |  |  |  |  | **+** |  |  | **+** | **+** |
| 12 | Modern concepts and theories of N | Master's students master the stages of the nursing process, including assessing patient needs, planning and implementing nursing interventions, as well as evaluating results and adjusting care. | SD | UK | 5 | + | + |  | + | + |  | **+** |  |  |
| 13 | Methodology of publications of scientific research | The course is aimed at developing skills in preparing scientific articles, writing reports and publishing research results in peer-reviewed journals. | SD | UK | 5 |  |  |  |  |  | **+** | **+** | **+** | **+** |
| 14 | Modern trends in N | The purpose of studying the discipline is to develop in master's students an understanding of the main trends in modern nursing activities and their impact on the organization of healthcare. | SD | UK | 5 | **+** | **+** | **+** |  |  | **+** | **+** | **+** | **+** |
| 15 | Information and communication technologies and digitalization in healthcare and N | The course focuses on modern digital technologies used in healthcare and nursing. Master's students study telemedicine, electronic medical records and management systems. | SD | UK | 5 |  |  |  |  |  |  | **+** | **+** | **+** |
| 16 | Modern paradigms of N development | The course is devoted to the study of the latest approaches and paradigms in the development of nursing practice. Master's students acquire the skills of analysis and adaptation of innovative methods in nursing activities. | SD | UK | 5 |  |  |  |  |  |  |  |  |  |
| 17 | **Elective component (EV)** | Selection of additional disciplines for in-depth study of topics related to the professional interests of master's students. | SD | EC | 8 | **+** | **+** | **+** | **+** | **+** | **+** | **+** | **+** | **+** |
| 18 | Research Practice | Practical activities to carry out scientific research in a chosen area of ​​nursing. Master's students learn to analyze data and apply research results. | RP |  | 6 |  |  |  | **+** |  |  |  |  | **+** |
| 19 | Research Work | Conducting scientific research aimed at obtaining new knowledge and implementing the results into practice. | SRW |  | 24 | + | + | + | + | + | **+** | **+** | **+** | **+** |
|  | **Final Attestation** | Preparation and defense of a master's thesis, presenting the results of independent research of master's students. | FA |  | 12 |  |  |  |  |  |  |  |  |  |
|  |  | **Total** |  |  | **120** |  |  |  |  |  |  |  |  |  |