

## **The list of academic disciplines of the university component**

**7M01 - Pedagogical sciences**  
(Code and classification of the field of education)

**7M014 - Teacher training with subject specialisation for general development**  
(Code and classification of the direction of training)

**0114**  
(Code in the International Standard Classification of Education)

**M005 - Training of teachers of physical culture**  
(Code and classification of the educational program group)

**7M01401 - Physical education and sports**  
(Code and name of the educational program)

**Master**  
(Level of preparation)

**set of 2023**

**Developed**

Academic Committee of the OP  
Head of JSC Mukayev Zh.T  
Manager OP Mukhambaev B.R

**Reviewed**

At the meeting of the Quality Assurance Commission  
Faculty of Natural Sciences and Mathematics  
Recommended for approval by the Academic Council of the University  
Protocol No. 1 04" April 2023.  
Chairman of the Quality Assurance Commission B.S. Zheldybayeva

Approved at the meeting of the Academic Council of the University Protocol No. 8 "25" April 2023.

**Approved**

at the meeting of the Academic Council of the University  
Protocol № 1 "01" of September 2023  
Chairman of the Academic Council of the University Orynbekov D.R.

## Foreign language (professional)

Discipline cycle	Basic disciplines
Course	1
Credits count	3
Knowledge control form	Examination

### Short description of discipline

*Mastery of general cultural, professional and special competencies for the implementation of professional activities, involving teaching free reading of original literature of the relevant branch of knowledge in a foreign language; development of oral communication skills in monological and dialogical form in the specialty; development of written scientific communication skills on topics related to the scientific work of a graduate student, as well as familiarization with the forms and types of international cooperation in the scientific field.*

### Purpose of studying of the discipline

*The purpose of studying the discipline "Foreign language (professional)" in the master's degree program is the systematic deepening of communicative competence within the framework of international standards of foreign language education on the basis of further development of skills and abilities of active language proficiency in the professional activity of the future master.*

### Learning Outcomes

*ON1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.*

### Learning outcomes by discipline

*ON 1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.*

*- to know the specifics of oral and written speech in the fields of professional, scientific, socio-political relations;  
- to know the national and cultural peculiarities of the creation and organization of a text in a foreign language within the framework of professionally motivated conditions;*

*- to know the stylistic features of the vocabulary of a foreign language in the field of professional communication;*

*be able to perform:*

*- implementation of professional activity in linguistic, sociolinguistic, information-analytical and communicative aspects;*

*- creating your own verbal and non-verbal order in the fields of professional and scientific socio-political relations;*

*- the use of a variety of language and speech means adequate to social factors, communication conditions, the status of the interlocutor and his communicative intentions;*

*-be able to organize speech activity as a representative of another culture and the nature of communication in accordance with the tasks of communication, the speech situation, individual characteristics;*

*the presence of skills:*

*- to perceive by ear and understand the appropriate level of messages of a business, informational and vocational nature;*

*- dialogical and monological communication within the framework of professional activity;*

*- to get acquainted and study business and scientific and technical documentation, which provides for obtaining information from what has been read and using it in speech;*

*- have the skills of systematic presentation of thoughts, thinking, information when writing letters of an official, professional nature;*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

## History and philosophy of science

Discipline cycle	Basic disciplines
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

*The discipline is aimed at studying the culture of scientific thinking, forms analytical capabilities and research skills, provides theoretical and practical knowledge necessary for a future scientist. Explores the historical evolution of the sciences and the philosophical perspectives they form. The origins of modern science, its social and institutional connections are described. General philosophical issues related to thought experiments, confirmation and refutation of theories, the origin and application of quantitative and high-quality research methods are considered.*

### Purpose of studying of the discipline

*the formation of an interdisciplinary worldview among undergraduates, based on a deep understanding of the history and philosophy (theory) of scientific thinking, as part of a universal culture.*

### Learning Outcomes

*ON1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.*

### Learning outcomes by discipline

*Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activity.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination The research work of a student, including an internship and the implementation of a master s thesis II The research work of a student, including an internship and the implementation of a master s thesis III*

## Tertiary education

Discipline cycle	Basic disciplines
Course	1
Credits count	3
Knowledge control form	Examination

### **Short description of discipline**

The course is aimed at studying the main directions, principles and patterns of higher education. During the course of the course, the basic concepts of modern pedagogy, concepts and theories of teaching and upbringing, didactics of higher education will be considered. The master's student will master the skills of designing the organization of the educational process, techniques of individual and group reflection, will be able to correctly formulate pedagogical goals, apply educational technologies in the educational process. In the process, to design work programs of disciplines.

### **Purpose of studying of the discipline**

The purpose of mastering the discipline is to master the system of knowledge about higher education, its content, structure, principles of educational process management and mastering modern technologies in the field of management and organization of the educational process

### **Learning Outcomes**

ON1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.

### **Learning outcomes by discipline**

- Solves the problems of higher pedagogical education and the prospects for its further development;
- Considers the application of effective university technologies;
- Solves topical and psychological and pedagogical problems,

### **Prerequisites**

Bachelor

### **Postrequisites**

Pedagogical practice

## **Psychology of management**

Discipline cycle	Basic disciplines
Course	1
Credits count	3
Knowledge control form	Examination

### **Short description of discipline**

The content of the course is aimed at mastering the approaches and directions of management psychology, psychological laws of management, features of planning and solving management problems. Students will get acquainted with the psychological methods of resolving conflict situations, master the ways of motivating work, the methods of using effective management styles. Skills will be formed to analyze the psychological causes underlying the decline in the effectiveness of the management process.

### **Purpose of studying of the discipline**

The purpose of the discipline "Psychology of Management" is the formation of scientifically based ideas about the system of mental phenomena, psychological variables of behavior and conscious human activity in modern conditions and allows undergraduates to form skills of applying the acquired psychological knowledge in educational activities

### **Learning Outcomes**

ON1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.

### **Learning outcomes by discipline**

- they are able to determine the forms and methods of effective team management;
- develop plans for the development of organizations, provide psychological support for the activities of organizations;
- possess methods of solving managerial tasks.

### **Prerequisites**

Bachelor

### **Postrequisites**

Pedagogical practice

## **Research activity of students in physical culture and sports**

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### **Short description of discipline**

The discipline is aimed at solving a creative, research problem (problem) with an unknown solution in advance and involving the observance of the main stages of scientific research. The ability to extract useful information from various sources and process it, plan their activities, analyze and evaluate the results of their activities. The use of research activities is also aimed at creating conditions for involving students in collective research activities in physical culture and sports.

### **Purpose of studying of the discipline**

Familiarization with the process of organizing master's education, organization of scientific research work, ability to work with original materials, regulation of obtained results and linking them with data.

### **Learning Outcomes**

ON2 Master the methodology and algorithm of planning and organization of research and scientific and pedagogical activities.

ON9 Own modern technologies for designing and organizing scientific research in their professional activities based on an integrated approach.

### **Learning outcomes by discipline**

- able to organize scientific and pedagogical research work;
- can adjust the results obtained by working with the original materials and correlate them with the data.

### **Prerequisites**

Bachelor

### **Postrequisites**

Final examination Pedagogical practice

## The research work of a student, including an internship and the implementation of a master s thesis

Discipline cycle	Profiling discipline
Course	1
Credits count	11
Knowledge control form	Total mark on practice

### Short description of discipline

*The development of a student in creative thinking and independence, the deepening and consolidation of the received theoretical and practical knowledge;*

*Identification of the most gifted and talented undergraduates, the use of their creative and intellectual potential to solve actual problems of science and technology*

### Purpose of studying of the discipline

*Organization of training of undergraduates in the theory of scientific research; training of undergraduates in achieving creative thinking and independence, deepening and improving the acquired theoretical and practical knowledge.*

### Learning Outcomes

*ON8 To carry out scientific research using modern information technologies and apply their results to improve the effectiveness of pedagogical, recreational, coaching, cultural, educational and organizational management activities in the field of physical culture and sports.*

*ON9 Own modern technologies for designing and organizing scientific research in their professional activities based on an integrated approach.*

### Learning outcomes by discipline

*-магистрантты ғылыми зерттеу жұмыстарын ұйымдастырып, дұрыс реттей алады;*

*- түпнұсқалармен және кітапханалық картотекамен жұмыс жасай алады және тәжірибелік білімдерін практикада қолдана алады;*

*-магистранттардың шығармашылық және зияткерлік ізденістерді ұйымдастыра алады.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

## Psychological and pedagogical foundations of physical education in the university

Discipline cycle	Profiling discipline
Course	1
Credits count	5
Knowledge control form	Examination

### Short description of discipline

*The discipline considers current technologies, organizational forms, methods, techniques and means of training and education in order to improve the quality of the educational process in pedagogical activity. Ability to perform scientific research in educational activities and use their results in order to increase efficiency pedagogical process. Studies the psychological and pedagogical foundations of the professional activity of a specialist in the field physical culture and sports.*

### Purpose of studying of the discipline

*Formation of students` common foundations of psychological and pedagogical education in the field of physical culture.*

### Learning Outcomes

*ON3 To solve modern scientific problems and practical tasks in the field of physical culture and sports on the basis of the development of theoretical and methodological thinking.*

*ON5 Possess modern trends in the development of pedagogical education, means and methods of physical culture and wellness technologies.*

### Learning outcomes by discipline

*- the student is able to determine the content and methods of the pedagogical process, adequately perceive the individual characteristics of the individual, sports team;*

*-can use methods aimed at solving psychological and pedagogical problems in the field of Physical Culture and sports.*

### Prerequisites

*Bachelor*

### Postrequisites

*Pedagogical practice*

## Pedagogical practice

Discipline cycle	Basic disciplines
Course	2
Credits count	6
Knowledge control form	Total mark on practice

### Short description of discipline

*Pedagogical practice of undergraduates consists in direct pedagogical activity: independent carrying out laboratory and practical classes, seminars, reading trial lectures on the offered subject, preparation and carrying out occupations with application of modern educational technologies together with the faculty of the corresponding Department.*

### Purpose of studying of the discipline

*familiarization with the types of pedagogical, managerial, project activities of a higher school teacher and obtaining experience in the implementation of these types of activities in the organization of the educational process; the formation of a system of general cultural, professional competencies and personal qualities in undergraduates; the formation of professional pedagogical thinking.*

## Learning Outcomes

ON1 Apply fundamental scientific, pedagogical, managerial, communicative knowledge and skills in professional activities.

### Learning outcomes by discipline

-білім беру бағдарламасы бойынша құжаттаманы, жоғары оқу орнының заманауи білім беру технологияларын білу,

-студенттермен оқу сабақтарымен оқу іс-әрекеттеріне дидактикалық материалдарды құрастыра білу.

- жоғары оқу орындарында оқу-әдістемелік жұмыстың практикалық дағдыларын меңгеру, дәріске, практикалық сабаққа қажетті тақырып тарбойынша оқу материалын дайындау, заманауи ақпараттық оқыту технологияларын пайдалана отырып сабақтарды ұйымдастыру және өткізу дағдыларын меңгеру.

### Prerequisites

Tertiary education Psychology of management

### Postrequisites

Final examination Research scientific training

## The research work of a student, including an internship and the implementation of a master s thesis

### II

Discipline cycle	Profiling discipline
Course	2
Credits count	4
Knowledge control form	Total mark on practice

### Short description of discipline

The development of a student in creative thinking and independence, the deepening and consolidation of the received theoretical and practical knowledge;

Identification of the most gifted and talented undergraduates, the use of their creative and intellectual potential to solve actual problems of science and technology

### Purpose of studying of the discipline

Organization of training of undergraduates in the theory of scientific research; training of undergraduates in achieving creative thinking and independence, deepening and improving the acquired theoretical and practical knowledge.

### Learning Outcomes

ON2 Master the methodology and algorithm of planning and organization of research and scientific and pedagogical activities.

ON8 To carry out scientific research using modern information technologies and apply their results to improve the effectiveness of pedagogical, recreational, coaching, cultural, educational and organizational management activities in the field of physical culture and sports.

ON9 Own modern technologies for designing and organizing scientific research in their professional activities based on an integrated approach.

### Learning outcomes by discipline

- able to organize and properly organize the work of the master's student in scientific research;

- be able to work with originals and library card files and apply practical knowledge in practice;

- can organize creative and intellectual searches of undergraduates.

### Prerequisites

Basic and profile disciplines of the EP

### Postrequisites

Final examination

## Research scientific training

Discipline cycle	Profiling discipline
Course	2
Credits count	13
Knowledge control form	Total mark on practice

### Short description of discipline

The main purpose of the research practice of the undergraduate is to study the theoretical, methodological and technological achievements of domestic and foreign science, as well as practical skills in the application of modern methods of research, processing and interpretation of experimental data in the dissertation research.

### Purpose of studying of the discipline

The purpose of the research practice is to deepen and consolidate the knowledge, skills and abilities of students acquired in the course of mastering the disciplines of professional training with an emphasis on the main directions of scientific research in the field of psychological and Pedagogical Sciences corresponding to the educational program in the direction.

### Learning Outcomes

ON2 Master the methodology and algorithm of planning and organization of research and scientific and pedagogical activities.

ON9 Own modern technologies for designing and organizing scientific research in their professional activities based on an integrated approach.

### Learning outcomes by discipline

- Know the means and methods of performing research work,

-Be able to master the methods of planning, scientific research and personal self-organization of the researcher, methods of conducting scientific achievements, techniques of speech with Scientific Reports, messages.

- Implementation of practical steps in the implementation of empirical research, mastering the skills of conducting work in scientific teams.

### Prerequisites

Basic and profile disciplines of the EP

### Postrequisites

Final examination

## The research work of a student, including an internship and the implementation of a master s thesis III

Discipline cycle	Profiling discipline
Course	2
Credits count	9
Knowledge control form	Total mark on practice

### Short description of discipline

*In the process of internship of a master`s student, professional knowledge, skills, skills acquired as a result of theoretical training, the use of practical experience in conducting scientific research are formed. The graduate student conducts analytical work on the research topic, participates in scientific conferences, seminars, round tables. Includes consulting on the topic of the dissertation. Demonstrates the skills of conducting practical work of a research nature. Master the skills of writing a program, publication, diary entries, a report on the work done.*

### Purpose of studying of the discipline

*The purpose of research work during the semester is to prepare the master`s student for independent research work, the main result of which is the writing and successful defense of a master`s thesis, as well as conducting scientific research as part of a creative team.*

### Learning Outcomes

*ON2 Master the methodology and algorithm of planning and organization of research and scientific and pedagogical activities.*

*ON8 To carry out scientific research using modern information technologies and apply their results to improve the effectiveness of pedagogical, recreational, coaching, cultural, educational and organizational management activities in the field of physical culture and sports.*

*ON9 Own modern technologies for designing and organizing scientific research in their professional activities based on an integrated approach.*

### Learning outcomes by discipline

- knowledge of the main directions of scientific research, principles of selection of scientific literature, features of classification of various sources.*
- mastery of the conceptual apparatus, the use of information technologies used in scientific research, the ability to formulate scientific problems in the direction of research.*
- possess the skills of planning and conducting scientific research, the skills of assessing the scientific and practical significance of ongoing research.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*