

## The list of academic disciplines of the university component

**7M01 - Pedagogical sciences**

(Code and classification of the field of education)

**7M011 - Pedagogy and psychology**

(Code and classification of the direction of training)

**0111**

(Code in the International Standard Classification of Education)

**M001 - Pedagogics and Psychology**

(Code and classification of the educational program group)

**7M01101 - Pedagogy and Psychology**

(Code and name of the educational program)

**Master**

(Level of preparation)

**set of 2023**

**Developed**

By the Academic Committee of the EP  
The head of the AC  
EP Manager

**Reviewed**

At the meeting of the Commission on Quality Assurance of the Faculty of Humanities and Economics  
Recommended for approval by the Academic Council of the University  
Protocol No.4a " 05 " April 2023  
Chairman of the Commission Abisheva Sh.Sh.

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

*Academic writing in research*

## 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

*Academic writing in research Acmeology*

## 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**

Modern technologies of project management

## **Research activity of students on the basics of psychology**

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

### **Short description of discipline**

The course reveals the knowledge of scientific study of psychological and pedagogical laws, readiness to carry out experimental work of a master student, independent use of psychological research methods to collect empirical material. Contributes to the development of a culture of scientific research among undergraduates. The discipline is aimed at the application of psychological and pedagogical knowledge in various types of educational activities and the ability to create a psychologically comfortable developmental environment.

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

mastering methods that help develop cognitive interests, intellectual, creative and communication skills of students that determine the formation of a competent personality capable of life and self-determination in the information society, clearly representing their resource capabilities, resources and ways of implementing the chosen life path as a result of project and research activities.

### **Learning Outcomes**

ON6 Build analytical, planned activities, model individual and collective scientific research and apply their results in practice.

ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.

ON8 To analyze and interpret the scientific results of the study to substantiate their reliability and value within the framework of modern concepts and theories in the field of pedagogy and psychology.

### **Learning outcomes by discipline**

- to know the essence and organization of scientific research, their types, the organization of research at the university, the design of the results of scientific research.
- be able to organize data collection, formalize the results of research work.
- master the methodology of scientific research.

### **Prerequisites**

## Postrequisites

Mathematical methods in psychology Psychological diagnostics in education

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

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

### Short description of discipline

During the internship of a master`s student, professional knowledge, skills, skills obtained as a result of theoretical training, the use of practical experience in conducting scientific research are formed. The master`s student conducts analytical work on the topic of research, participates in scientific conferences, seminars, round tables. It involves the implementation of consultations on the topic of the dissertation. Demonstrates the skills of conducting practical work of a research nature. Masters the skills of writing a program, publishing, diary entries, a report on the work done.

### Purpose of studying of the discipline

development of the ability and practical skills of independent implementation of scientific research related to the solution of complex scientific and design-technological tasks in the field of training in innovative conditions

### Learning Outcomes

ON3 To adapt knowledge about personality psychology into the educational process, to use psychodiagnostic tools in order to measure the success of mastering educational material.

ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.

### Learning outcomes by discipline

- to know the main directions of scientific research, the principles of selection of scientific literature, classification and features of various types of sources.

-be able to master the conceptual apparatus, use information technologies used in scientific research, 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 the conducted research

### Prerequisites

Basic and profile disciplines of the EP

### Postrequisites

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

## 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

During the internship of a master`s student, professional knowledge, skills, skills obtained as a result of theoretical training, the use of practical experience in conducting scientific research are formed. The master`s student conducts analytical work on the topic of research, participates in scientific conferences, seminars, round tables. It involves the implementation of consultations on the topic of the dissertation. Demonstrates the skills of conducting practical work of a research nature. Masters the skills of writing a program, publishing, diary entries, a report on the work done.

### Purpose of studying of the discipline

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

### Learning Outcomes

ON3 To adapt knowledge about personality psychology into the educational process, to use psychodiagnostic tools in order to measure the success of mastering educational material.

ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.

### Learning outcomes by discipline

- to know the main directions of scientific research, the principles of selection of scientific literature, classification and features of various types of sources.

-be able to master the conceptual apparatus, use information technologies used in scientific research, 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 the conducted research

### Prerequisites

Basic and profile disciplines of the EP

### Postrequisites

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

## Research practice

Discipline cycle	Profiling discipline
Course	2

Credits count

13

Knowledge control form

Total mark on practice

### Short description of discipline

*In the process of passing the research internship, the undergraduate studies theoretical and methodological achievements of science, evaluates the object of research, describes the problems. Studies the sources necessary for conducting research. The master's student conducts an experiment, analyzes the results of the experimental part of the work, prepares a report on the practice. Participates in scientific and methodological seminars of the department, round tables and conferences of various levels, development of materials for practical classes of students. Demonstrates the skill of independent research work.*

### Purpose of studying of the discipline

*The purpose of the research practice is to deepen and consolidate students' knowledge, skills and abilities acquired during the development of professional training disciplines by focusing on the main areas of scientific research in the field of psychological and pedagogical sciences, corresponding to the educational program in the direction.*

### Learning Outcomes

*ON6 Build analytical, planned activities, model individual and collective scientific research and apply their results in practice.*

*ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.*

### Learning outcomes by discipline

*ON 6 Build analytical, planned activities, model individual and collective scientific research and apply their results in practice.*

*ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.*

*-must know the means and techniques of performing scientific research,*

*- be able to master the techniques of planning, scientific research and personal self-organization of the researcher; methods of conducting scientific achievements, techniques of making scientific reports, messages.*

*-to master the skills of implementing practical steps of empirical research, conducting work in research teams.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

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

## 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

*During the internship of a master's student, professional knowledge, skills, skills obtained as a result of theoretical training, the use of practical experience in conducting scientific research are formed. The master's student conducts analytical work on the topic of research, participates in scientific conferences, seminars, round tables. It involves the implementation of consultations on the topic of the dissertation. Demonstrates the skills of conducting practical work of a research nature. Masters the skills of writing a program, publishing, diary entries, a report on the work done.*

### Purpose of studying of the discipline

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

### Learning Outcomes

*ON3 To adapt knowledge about personality psychology into the educational process, to use psychodiagnostic tools in order to measure the success of mastering educational material.*

*ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.*

### Learning outcomes by discipline

*ON 3 To adapt knowledge about personality psychology into the educational process, to use psychodiagnostic tools in order to measure the success of mastering educational material.*

*ON7 Interpret and carry out mathematical analysis, formalize the results of scientific research.*

*- to know the main directions of scientific research, the principles of selection of scientific literature, classification and features of various types of sources.*

*-be able to master the conceptual apparatus, use information technologies used in scientific research, 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 the conducted research*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

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