



# EDUCATIONAL PROGRAM

## **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)

**Semey**

## **Educational program**

**7M01 - Pedagogical sciences**

(Code and classification of the field of education)

**7M014 - Teacher training with subject specialisation for general development**

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**7M01401 - Physical education and sports**

(Code and name of the educational program)

**Master**

(Level of preparation)

# PREFACE

## Developed

The educational program 7M01401 - Physical education and sports in the direction of preparation 7M014 - Teacher training with subject specialisation for general development on the basis of the State Compulsory Standards of Higher and Postgraduate Education approved by the Order of the Ministry of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 No 2 (as amended by the order) was developed by the Academic Committee dated 20.02.2023 No 66).

Members of the Academic Committee	Full name	Academic degree, academic title, position	Signature
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## Reviewing

Full name of the reviewer	Position, place of work	Signature
Suleimenov Marat	Director of the East Kazakhstan Children s Sports School No. 2, Semey	

## 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.

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# 1.Introduction

## 1.1.General data

The Department of Physical Culture and Sports of the Faculty of Arts sports of the Shakarim State University of Semey carries out training according to the educational program 7M01401-"Physical culture and sports", scientific and pedagogical direction.

The master s program regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, assessment of the quality of the graduate s training in this area, and includes: curriculum, work programs of training courses, subjects, disciplines (modules) and other materials that ensure quality training of students, as well as internship programs, educational calendar and teaching materials that ensure the implementation of the appropriate educational technology.

## 1.2.Completion criteria

The main criterion for the completion of the educational process for the preparation of masters of the scientific and pedagogical direction is the development of at least 88 credits of theoretical training, including 6 credits of pedagogical practice, 13 credits of research practice, as well as at least 24 credits of research work of a master s student, including internships and the completion of a master s thesis, at least 8 credits of the final attestations . A total of 120 credits.

1.3.Typical study duration: 2 years.

## 2.PASSPORT OF THE EDUCATIONAL PROGRAM

2.1.EP purpose	Training of highly qualified personnel with theoretical knowledge and practical skills in relevant areas of physical culture and sports, capable of self-development and implementation in research and teaching activities.
<b>2.2.Map of the training profile within the educational program</b>	
Code and classification of the field of education	7M01 - Pedagogical sciences
Code and classification of the direction of training	7M014 - Teacher training with subject specialisation for general development
Code in the International Standard Classification of Education	0114
Code and classification of the educational program group	M005 - Training of teachers of physical culture
Code and name of the educational program	7M01401 - Physical education and sports
<b>2.3.Qualification characteristics of the graduate</b>	
Degree awarded / qualification	The graduate of this educational program is awarded the degree of Master of Pedagogical Sciences for the educational program 7M01401 - Physical Culture and Sports.
Name of the profession / list of positions of a specialist	A master of pedagogical knowledge can be held without any requirements for work experience in accordance with the qualification reference book of positions of managers, specialists and other employees, approved by order of the Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan Professional area
QQF qualification level (industry qualification framework)	7
Area of professional activity	The area of professional activity of the master 7M01401 - Physical culture and sports is: With scientific and pedagogical training: <ul style="list-style-type: none"> <li>• Scientific and pedagogical;</li> <li>• Research;</li> <li>• Educational and pedagogical;</li> <li>• Organizational and pedagogical.</li> </ul> Professional area
Object of professional activity	Master in the specialty 7M01401 - Physical culture and sports can carry out the following types of professional activities: With scientific and pedagogical training: <ul style="list-style-type: none"> <li>• Scientific and pedagogical;</li> <li>• Research;</li> <li>• Educational and pedagogical;</li> <li>• Organizational and pedagogical.</li> </ul> -Scientific works
Types of professional activity	The area of professional activity of the master 7M01401 - Physical culture and sports is: With scientific and pedagogical training: <ul style="list-style-type: none"> <li>• Scientific and pedagogical;</li> <li>• Research;</li> <li>• Educational and pedagogical;</li> <li>• Organizational and pedagogical.</li> </ul>

	Professional activities
Graduate Model	<p>He is able to develop strategies and tactics of social programs aimed at solving problems in the field of physical culture and sports. He is able to solve administrative and pedagogical tasks with the help of structural and system analysis. Promptly assesses, selects alternative solutions and makes an informed decision, analyzing the risks.</p> <ul style="list-style-type: none"> <li>- Practically uses the acquired conceptual and methodological knowledge in the field of physical culture and sports in the organization of research and design work and making independent management decisions;</li> <li>- Carries out research activities, observing all the principles of academic ethics, and understanding personal responsibility for the goals, means, results of scientific work, including evaluation of its quality;</li> <li>- Analyzes and critically evaluates modern scientific concepts and theories in the field of physical culture and sports;</li> <li>- Knows how to understand modern standards, regulatory framework in the field of physical culture and sports;</li> <li>- Carries out</li> </ul>

### 3. Modules and content of the educational program

#### Sociolinguistic and managerial activities

##### Foreign language (professional)

Discipline cycle	Basic disciplines
Discipline component	University component
SubjectID	30886 (3011837)
Course	1
Term	1
Credits count	3
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	20hours
Independent work of the student	40hours
Total	90hours
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.*

##### Prerequisites

*Bachelor*

##### Postrequisites

*Final examination*

##### History and philosophy of science

Discipline cycle	Basic disciplines
Discipline component	University component
SubjectID	30887 (3011838)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
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.*

##### 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
Discipline component	University component



SubjectID	30884 (3011835)
Course	1
Term	1
Credits count	3
Lectons	15hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	20hours
Independent work of the student	40hours
Total	90hours
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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Pedagogical practice*

## Psychology of management

Discipline cycle	Basic disciplines
Discipline component	University component
SubjectID	30885 (3011836)
Course	1
Term	1
Credits count	3
Lectons	15hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	20hours
Independent work of the student	40hours
Total	90hours
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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Pedagogical practice*

## Pedagogical practice

Discipline cycle	Basic disciplines
Discipline component	University component
SubjectID	30898 (3011802)
Course	2
Term	1
Credits count	6
Pedagogical practices	180hours
Total	180hours

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.*

### Prerequisites

*Tertiary education Psychology of management*

### Postrequisites

*Final examination Research scientific training*

## Module 2. Professional training

### New approaches to teaching

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30881 (3011829)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline is aimed at improving potential professional abilities. Indication of the need to update the content of teaching methods; contribute to improving the quality of teaching and learning practices; assist all teachers in their professional development and improvement, as well as in choosing areas of work. Possess a solid skill in the field of interactive method; improve potential professional abilities; continuously reflect during their practices.*

### Purpose of studying of the discipline

*Be able to analyze new educational technologies, regulatory documents, new ideas, scientific and educational concepts in a timely manner; learn to collect, group, and systematize new messages related to research work.*

### Learning Outcomes

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

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

### Prerequisites

*Bachelor*

### Postrequisites

*Basic and profile disciplines of the EP*

## Fundamentals of student sports training

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30880 (3011828)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The course considers the methodological foundations of sports training, means, methods and principles of sports training, periodization of the training process, planning and control of sports training of athletes, as well as the formation of the necessary knowledge and practical skills for the organization and management of training and competitive students` activities in their chosen sport in the process*

of studying at a higher educational institution.

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

*In-depth training in selected sports, methodological and organizational foundations of sports training, planning and control of sports training of students, methods of organization.*

### **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.*

*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.*

### **Prerequisites**

*Bachelor*

### **Postrequisites**

*Final examination*

## **Teacher`s professional guide**

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30882 (3011830)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

*The discipline is aimed at a new approach during teaching and learning. Teaching critical thinking. Evaluate learning and evaluate for learning. Use ICT during teaching and learning. Stimulates the activities of organizations, determines the methods of solving professional tasks, evaluates their effectiveness and quality. To teach a talented as well as a gifted student. Teach and teach in accordance with the age characteristics of the student. Management and leadership in training.*

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

*Mastering the peculiarities of the educational process of the university, training undergraduates to evaluate the work of students; formation of managerial and leadership qualities in the learning process.*

### **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.*

### **Prerequisites**

*Bachelor*

### **Postrequisites**

*Pedagogical practice*

## **Development of mass sports infrastructure in educational institutions**

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30877 (3011805)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

*The discipline is aimed at studying research technologies in the field of mass sports infrastructure development, application of the obtained theoretical knowledge in solving research problems; analysis and systematization information on the research topic; scientific research programs and organization of their implementation. Application modern health-saving technologies in the educational process, complexes of physical exercises for professional applied physical training, methodology for introducing health issues and programs into the educational process.*

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

To provide knowledge on the basics of design, construction and operation of sports facilities and to familiarize with various sports facilities for mass sports.

### **Learning Outcomes**

ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.

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.

### **Prerequisites**

Bachelor

### **Postrequisites**

Final examination

## **Modern innovative technologies in physical culture and sports**

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30878 (3011811)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

Analyze ideas, concepts, legal documents in the field of development of pedagogical innovations; analyze educational innovative technologies. Independent search for information on issues innovative pedagogy and analysis of the material in accordance with the requirements of scientific research; study and analysis real innovative pedagogical practice at different levels of its development.

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

To improve innovative educational technologies in the training of physical culture and sports specialists, to achieve the effective application of theoretical knowledge of specialists during practice.

### **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.

### **Prerequisites**

Bachelor

### **Postrequisites**

Pedagogical practice

## **Modern problems of activation of physical culture and sports**

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30876 (3011804)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

Formation of the necessary knowledge and practical scientific and theoretical prerequisites for reforming the system aspects of improving the process of professionally applied physical training. Considers motor activity and its impact on the physical and mental performance of the younger generation and personal physical culture and its formation in society.

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

Mastering modern requirements in the field of physical culture and sports. Formation of the necessary scientific-theoretical, practical knowledge. To reveal modern problems and find solutions in the field of professionally applied physical training.

### **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.

ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.

### Prerequisites

Bachelor

### Postrequisites

Final examination

## Modern problems of University physical education

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30883 (3011831)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*This course studies: the criteria for physical fitness of those involved in various health groups, problems the impact of training loads on the state of students with different levels of physical fitness. Modern approaches to the program- normative practice of physical education of students. Motivation university administrations in the development of student sports, the activities of sports clubs.*

### Purpose of studying of the discipline

*Criteria of physical training of a student or a future specialist in accordance with the characteristics of a person`s personality (in accordance with health, age, sexual and physical level of development), problems of the impact of physical activity on the body, emerging changes in the body, problems and methods of organizing work to improve health.*

### Learning Outcomes

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

ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.

ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.

### Prerequisites

Bachelor

### Postrequisites

Basic and profile disciplines of the EP

## Theory, methodology and practice of the chosen sport (at the university and in elite sports)

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	29728 (3011803)
Course	1
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline represents methods, means, principles of sports training, a system of conducting educational and training fees and competitions; methodological foundations of teaching the chosen sport, professional and pedagogical competence in higher education and sports of the highest achievements; theoretical and methodological aspects in selected sports; basics of pedagogical skills and types of communication; main methodological paradigms of knowledge formation and worldview in the field of the general theory of training, its integration with the theory of adaptation in the field of sports.*

### Purpose of studying of the discipline

*To prepare undergraduates for professional-pedagogical, coaching and organizational work on the basics of training in various structural institutions of physical culture and sports.*

### Learning Outcomes

ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.

ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.

### Prerequisites

Bachelor

### Postrequisites

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

## Physical education teaching technology in secondary vocational and university

Discipline cycle	Basic disciplines
Discipline component	Electives
SubjectID	30879 (3011820)
Course	1
Term	1
Credits count	5
Lectures	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The teaching of physical culture lessons is provided by a number of components: the focus of the lessons, teaching methods motor skills and abilities, methodological features of physical education of students of various school age, methods of dosing physical activity, education of physical qualities, etc., which individually cannot provide a system of pedagogical influences. This task can only be solved with the help of educational pedagogical technologies.*

### Purpose of studying of the discipline

*Providing undergraduates with theoretical and practical knowledge in the field of theory and methodology of student sports, teaching practical understanding of its basic concepts in universities, faculties of physical culture and sports.*

### Learning Outcomes

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

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### Prerequisites

*Bachelor*

### Postrequisites

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

## Research activity of students in physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	University component
SubjectID	30897 (3011839)
Course	1
Term	2
Credits count	5
Lectures	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination Pedagogical practice*

## Methods of planning and execution of scientific works on physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30892 (3011812)

Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline considers the issues of scientific and methodological activities in the field of physical culture and sports, science as type of activity, history and methodology of scientific knowledge and research, choice of direction and planning research, search for initial information, theoretical level of scientific research, modeling and formulation problems of scientific research, as well as the features and methods of conducting a pedagogical experiment.*

### Purpose of studying of the discipline

*Be able to choose and plan the direction of research in the field of Physical Culture and sports, master the features and methodological ways of conducting a pedagogical experiment.*

### 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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

## Methodology and methods of scientific research

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30895 (3011832)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*Forms in students the theoretical foundations of the organization of research activities: types of research, stages of organizing and conducting pedagogical research, methods and techniques for collecting and analyzing data in psychological and pedagogical research. Methodological foundations of scientific knowledge and dissertation research. Conceptual apparatus and stages of scientific research. Research methodology. Preparation and publication of scientific articles.*

### Purpose of studying of the discipline

*To establish the ability of undergraduates to use in practice, teaching the theory of research work.*

### 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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

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

Discipline cycle	Profiling discipline
Discipline component	University component
SubjectID	30893 (3011819)
Course	1
Term	2
Credits count	11
Working practice	330hours
Total	330hours

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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

## Scientific and pedagogical research of physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30896 (3011833)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The subject provides for such issues as the theoretical and scientific-pedagogical foundations of physical culture and sports, history of modern scientific and pedagogical research, new technologies for training scientific and pedagogical personnel. There are also materials on the basics of the theory of physical culture and sports, which outline the leading aspects theoretical preparation for the future professional activity of a teacher-trainer in physical culture and sports.*

### Purpose of studying of the discipline

*Mastering the theory and scope of modern scientific and pedagogical research of Physical Culture and sports,*

### 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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination Pedagogical practice*

## Non-traditional types of recreational gymnastics

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30889 (3011807)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline



The discipline contains the basics of theory and methodology for organizing and conducting a holistic educational process in physical culture. Considers directions in the system of physical education, reveals the features of sports training, forms a set of specially selected physical exercises to improve health and harmonious development of the body. The content of the discipline allows you to see and feel for yourself through the practice of various forms (types) of gymnastics, such as callanetics, gymnastics according to the 'hatha yoga' system, step aerobics, hydro aerobics, breathing exercises, body flex and many others.

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

Mastering traditional and non-traditional forms of gymnastics in the field of Physical Culture and sports

### **Learning Outcomes**

ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.

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.

### **Prerequisites**

Bachelor

### **Postrequisites**

Basic and profile disciplines of the EP

## **Health-improving orientation of loads with teaching methods (by sports)**

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30888 (3011806)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

The discipline provides for the improvement of knowledge and skills in the theory and methods of teaching sports the content and methodology of conducting health-improving classes of loads by sports, analyzes technique of movements in order to build the learning process using the health-improving orientation of loads. understand in questions of modeling and planning of the training process. Apply health care products physical activity during physical education classes.

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

familiarization of undergraduates with the content and methodology of the load in the direction of rehabilitation in sports.

### **Learning Outcomes**

ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.

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.

### **Prerequisites**

Bachelor

### **Postrequisites**

Basic and profile disciplines of the EP

## **Problems of inclusive education in the field of physical education**

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30890 (3011808)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

The discipline provides for clinical and physiological substantiations and mechanisms of the therapeutic action of physical exercises, characteristics of diseases; organization of a special medical group in educational institutions, characteristics of physical education rehabilitation programs for children with health problems, organization of physical exercises with children with disabilities, anatomical, physiological and psychological pedagogical features of the development of the child's body.

## Purpose of studying of the discipline

*Mastering the features and organizational methods of the process of inclusive education in the field of Physical Culture and sports*

### 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.*

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### Prerequisites

*Bachelor*

### Postrequisites

*Final examination*

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

Discipline cycle	Profiling discipline
Discipline component	University component
SubjectID	30891 (3011810)
Course	1
Term	2
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
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.*

### Prerequisites

*Bachelor*

### Postrequisites

*Pedagogical practice*

## Hygiene of physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30907 (3011822)
Course	2
Term	1
Credits count	5
Lectons	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline studies the scientific and practical foundations of personal hygiene, hardening techniques and hygienic requirements for sports facilities and places of exercise. Considers ancillary hygiene means of restoring and improving the working capacity of those involved in physical exercises, additional risk factors affecting hygiene and health problems. Defines, reviews and analyzes medical biological basis of selection for sports.*

### Purpose of studying of the discipline

*Considers auxiliary hygiene tools for restoring and improving working capacity of those engaged in physical exercises, additional risk factors affecting hygiene and health disorders.*

### Learning Outcomes

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*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.*

### **Prerequisites**

*Basic and profile disciplines of the EP*

### **Postrequisites**

*Final examination*

## **Therapeutic and adaptive physical culture**

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30903 (3011814)
Course	2
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

*The discipline considers the concept of human health as a phenomenon of its culture; about the ways, ways of becoming human health; modern scientific views on the factors affecting health, the functioning of the body a person in normal and pathological conditions; knowledge and skills in the field of assessing the features of adaptation of the functional systems of the body to physical activity in different sports, ways of valeological assistance to the population within the framework of professional activities.*

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

*considers the idea of human health as a phenomenon of its culture; about the ways, ways of formation of human health; modern scientific views on factors affecting health, the functioning of the human body in the norm and pathology; the tendency of the functional systems of the body to physical activity in various sports*

### **Learning Outcomes**

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*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.*

### **Prerequisites**

*Basic and profile disciplines of the EP*

### **Postrequisites**

*Final examination*

## **Therapeutic physical education and massage**

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30902 (3011813)
Course	2
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### **Short description of discipline**

*The discipline studies the types of physical recovery and recreation, means of physical rehabilitation and recreation, their role in body recovery. Considers the role of therapeutic physical culture in the restoration of the body, the use physiotherapy and therapeutic massage, as well as special exercises on various simulators. Reveals acceptable physical activity for people of different ages with different forms and degrees of the disease.*

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

*Improving the health of the human race through physical culture and sports.*

### **Learning Outcomes**

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*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.*

### **Prerequisites**

*Basic and profile disciplines of the EP*

## Postrequisites

Final examination

## Marketing of physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30911 (3011826)
Course	2
Term	1
Credits count	5
Lectures	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline contains the methodological foundations of marketing, the concept of the market and market relations in the field of physical culture and sports. Examines the fundamentals of sports business and sports licensing, marketing communications, methods of pricing, research and market segmentation for the effective promotion of physical culture and sports services. Studies methods of sales markets, product and consumer marketing, marketing activities of the International Olympic Committee.*

### Purpose of studying of the discipline

*The study of the main products of Physical Culture, which are socio-cultural services, provides for organized forms of physical exercises and sports for various purposes, as well as activities to provide them*

### 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.*

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### 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 II

Discipline cycle	Profiling discipline
Discipline component	University component
SubjectID	30905 (3011817)
Course	2
Term	1
Credits count	4
Working practice	120hours
Total	120hours
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.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

Final examination

## Organizational and methodical bases of sports directing

Discipline cycle	Profiling discipline
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Discipline component	Electives
SubjectID	30901 (3011809)
Course	2
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline improves knowledge and practical skills in the theory and methodology of physical culture and sports for conducting mass sports competitions. The issues of development, organization and planning of scenarios for sports competitions are considered. Basic concepts and planning of the organization and conduct of sports competitions. Professional screenwriter and work with extras. Teaching and skills planning and execution of planned activities.*

### Purpose of studying of the discipline

*Mastering the process of organizing sports events in order to develop mass sports.*

### Learning Outcomes

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

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Fundamentals of health-saving technologies

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30908 (3011823)
Course	2
Term	1
Credits count	5
Lectons	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline demonstrates a set of principles, methods of pedagogical work that complement traditional technologies training and education of the use of technology in an educational institution aimed at providing physical, mental and social well-being of students. Considers medical - hygienic, physical education - health, environmental, health-saving educational security technologies life as a multi-level system for preserving the health of students and teachers.*

### Purpose of studying of the discipline

*ensuring the physical, mental and social well - being of students,demonstrating a set of principles, methods of pedagogical work that complement traditional technologies for teaching and educating the use of technologies in an educational institution*

### Learning Outcomes

*ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.*

*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.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Psychological and pedagogical characteristics of non-traditional types of physical culture and sports activities

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30913 (3011834)
Course	2

Term	1
Credits count	5
Lectures	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline is aimed at revealing the essence and specifics of training, upbringing, education, at creating a holistic view of undergraduates about non-traditional types of physical culture and sports activities, Widespread introduction of various new non-traditional sports as the most affordable, mass and highly effective means of recovery, physical and moral improvement of various age groups of the population. To teach the rules of refereeing and competitions in non-traditional sports, organization and planning mass sporting events.*

### Purpose of studying of the discipline

*to reveal the essence and features of training, education, education, the formation of a holistic understanding of undergraduates about non-traditional types of Physical Culture and sports activities, the widespread introduction of various new non-traditional sports, mass and highly effective rehabilitation tools, means of Humane improvement of various age groups of the population and Physical Culture.*

### Learning Outcomes

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Modern technologies for organizing mass health work

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30906 (3011821)
Course	2
Term	1
Credits count	5
Lectures	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline contains questions of the organization of mass sports and physical culture and health-improving work. Considers issues of conducting physical culture, recreational activities aimed at correction, education and development; training of highly qualified specialists and the integrity of the mass physical culture and sports movement; formation of a healthy lifestyle; theoretical foundations of organizational and legal relations that have developed in the field FC and sports of Kazakhstan, maintaining a high image of sports in the international arena, attracting to systematic occupations of the general population.*

### Purpose of studying of the discipline

*Organization of mass sports and Physical Culture and recreation activities.conducting health-improving events, training of highly qualified specialists and the integrity of the mass Physical Culture and sports movement, the formation of a healthy lifestyle*

### Learning Outcomes

*ON6 To form ways of studying physical culture and sports as a complex socio-cultural phenomenon.*

*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.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Managing the process of sports training in the chosen sport

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30910 (3011825)
Course	2
Term	1
Credits count	5
Lectures	30hours

Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline forms the basis for managing the process of sports training in the chosen sport. Improves the system of training athletes of higher sportsmanship, the correct application of the specific principles of all types of training of athletes (physical, technical, tactical, psychological and intellectual) sports training. Reveals topical issues of sports development, sports selection and sports orientation. Gives information about the system of organizational management structures in various areas of sports activities, the management system for youth sports, elite sports and professional sports.*

### Purpose of studying of the discipline

*formation of a set of professional competencies in the selected sport*

### 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.*

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Management of competitive activity in the chosen sport

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30912 (3011827)
Course	2
Term	1
Credits count	5
Lectons	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*The discipline studies the theoretical foundations of conducting competitions in the chosen sport, training system athletes and beginners of the highest sports category, organization and holding of competitions, training camps for selected sport, forms the ability to plan competitive practice at various stages of sports training at various levels. Considers methods of analysis and evaluation of the rules of competitive activity and rules judging.*

### Purpose of studying of the discipline

*the theoretical foundations of conducting competitions in the selected sport, the system of training athletes and newcomers of the highest sports category, the organization and conduct of competitions, training camps in the selected sport*

### 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.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Management of physical culture and sports

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30909 (3011824)
Course	2
Term	1
Credits count	5
Lectons	30hours
Practical and seminar classes	15hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours

Knowledge control form

Examination

### Short description of discipline

*The discipline studies the theoretical foundations and basic concepts, the system of management of physical culture and sports, principles and methods of management activity, planning and forecasting of its development. Defines shapes organization and management of physical culture and sports. Considers legal factors and management methods physical culture and sports, organization of training sessions, training of highly qualified athletes and sports Olympic reserve.*

### Purpose of studying of the discipline

*Legal factors and methods of managing physical culture and sports, organization of training sessions, training of highly qualified athletes and the Olympic Reserve*

### Learning Outcomes

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*ON7 Develop social programs to attract people with special educational needs to physical education classes using the latest technologies.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Private massage techniques in the process of sports activities, rehabilitation

Discipline cycle	Profiling discipline
Discipline component	Electives
SubjectID	30904 (3011815)
Course	2
Term	1
Credits count	5
Lectons	15hours
Practical and seminar classes	30hours
Independent work of a student under the guidance of a teacher	35hours
Independent work of the student	70hours
Total	150hours
Knowledge control form	Examination

### Short description of discipline

*It is aimed at studying the stages of health-improving and rehabilitation physical culture in vocational education, effectiveness of recreational and rehabilitation activities, organizational and methodological features health-improving technology, methods of application of physical exercises and private massage for the purpose of their prevention and social rehabilitation with a sports, medical and rehabilitation focus. As well as indicators of health, clinical examination, comprehensive control in the preparation of athletes.*

### Purpose of studying of the discipline

*orientation to the study of the stages of health-improving and rehabilitation physical culture, the effectiveness of recreational and rehabilitation activities, the organizational and methodological features of Physical Culture and Recreation technology, the methodology for the use of physical exercises and individual Massage in sports, therapeutic and rehabilitation directions for their prevention and social rehabilitation purposes.*

### Learning Outcomes

*ON4 To form theoretical knowledge and practical skills necessary for application in the field of physical culture and sports.*

*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.*

### Prerequisites

*Basic and profile disciplines of the EP*

### Postrequisites

*Final examination*

## Research scientific training

Discipline cycle	Profiling discipline
Discipline component	University component
SubjectID	30914 (3011816)
Course	2
Term	2
Credits count	13
Working practice	390hours
Total	390hours
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.

### **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
Discipline component	University component
SubjectID	30915 (3011818)
Course	2
Term	2
Credits count	9
Working practice	270hours
Total	270hours
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.

### **Prerequisites**

Basic and profile disciplines of the EP

### **Postrequisites**

Final examination

## **Final assessment**

### **Master`s dissertation**

Credits count	8
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## 4. Summary table on the scope of the educational program

### «7M01401 - Physical education and sports»

Name of discipline	Cycle/ Component	Term	Number of credits	Total hours	Lec	SPL	LC	IWST	IWS	Knowledge control form
<b>Sociolinguistic and managerial activities</b>										
Foreign language (professional)	BS/US	1	3	90		30		20	40	Examination
History and philosophy of science	BS/US	1	5	150	15	30		35	70	Examination
Tertiary education	BS/US	1	3	90	15	15		20	40	Examination
Psychology of management	BS/US	1	3	90	15	15		20	40	Examination
Pedagogical practice	BS/US	3	6	180						Total mark on practice
<b>Module 2. Professional training</b>										
New approaches to teaching	BS/CCh	1	5	150	15	30		35	70	Examination
Fundamentals of student sports training	BS/CCh	1	5	150	15	30		35	70	Examination
Teacher's professional guide	BS/CCh	1	5	150	15	30		35	70	Examination
Development of mass sports infrastructure in educational institutions	BS/CCh	1	5	150	15	30		35	70	Examination
Modern innovative technologies in physical culture and sports	BS/CCh	1	5	150	15	30		35	70	Examination
Modern problems of activation of physical culture and sports	BS/CCh	1	5	150	15	30		35	70	Examination
Modern problems of University physical education	BS/CCh	1	5	150	15	30		35	70	Examination
Theory, methodology and practice of the chosen sport (at the university and in elite sports)	BS/CCh	1	5	150	15	30		35	70	Examination
Physical education teaching technology in secondary vocational and university	BS/CCh	1	5	150	15	30		35	70	Examination
Research activity of students in physical culture and sports	AS/US	2	5	150	30	15		35	70	Examination
Methods of planning and execution of scientific works on physical culture and sports	AS/CCh	2	5	150	15	30		35	70	Examination
Methodology and methods of scientific research	AS/CCh	2	5	150	15	30		35	70	Examination
The research work of a student, including an internship and the implementation of a master's thesis I	AS/US	2	11	330						Total mark on practice
Scientific and pedagogical research of physical culture and sports	AS/CCh	2	5	150	15	30		35	70	Examination
Non-traditional types of recreational gymnastics	AS/CCh	2	5	150	15	30		35	70	Examination
Health-improving orientation of loads with teaching methods (by sports)	AS/CCh	2	5	150	15	30		35	70	Examination
Problems of inclusive education in the field of physical education	AS/CCh	2	5	150	15	30		35	70	Examination
Psychological and pedagogical foundations of physical education in the university	AS/US	2	5	150	15	30		35	70	Examination

Hygiene of physical culture and sports	AS/CCh	3	5	150	30	15		35	70	Examination
Therapeutic and adaptive physical culture	AS/CCh	3	5	150	15	30		35	70	Examination
Therapeutic physical education and massage	AS/CCh	3	5	150	15	30		35	70	Examination
Marketing of physical culture and sports	AS/CCh	3	5	150	30	15		35	70	Examination
The research work of a student, including an internship and the implementation of a master s thesis II	AS/US	3	4	120						Total mark on practice
Organizational and methodical bases of sports directing	AS/CCh	3	5	150	15	30		35	70	Examination
Fundamentals of health-saving technologies	AS/CCh	3	5	150	30	15		35	70	Examination
Psychological and pedagogical characteristics of non-traditional types of physical culture and sports activities	AS/CCh	3	5	150	15	30		35	70	Examination
Modern technologies for organizing mass health work	AS/CCh	3	5	150	30	15		35	70	Examination
Managing the process of sports training in the chosen sport	AS/CCh	3	5	150	30	15		35	70	Examination
Management of competitive activity in the chosen sport	AS/CCh	3	5	150	30	15		35	70	Examination
Management of physical culture and sports	AS/CCh	3	5	150	30	15		35	70	Examination
Private massage techniques in the process of sports activities, rehabilitation	AS/CCh	3	5	150	15	30		35	70	Examination
Research scientific training	AS/US	4	13	390						Total mark on practice
The research work of a student, including an internship and the implementation of a master s thesis III	AS/US	4	9	270						Total mark on practice
<b>Final assessment</b>										
Master`s dissertation		4	8	240						