

CATALOG OF ELECTIVE DISCIPLINES

6B01 - Pedagogical sciences

(Code and classification of the field of education)

6B015 - Teacher training in natural science subjects

(Code and classification of the direction of training)

0114

(Code in the International Standard Classification of Education)

B014 - Geography teacher training

(Code and classification of the educational program group)

6B01512 - Geography-History

(Code and name of the educational program)

Bachelor

(Level of preparation)

set of 2023

Developed

Academic Committee of the OP
Head of JSC Mukaev Zh. T.
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Reviewed

At the meeting of the Quality Assurance Commission of the
Natural-mathematical faculty
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Chairman of the Commission on Quality Assurance Zheldybayeva B.S.

Approved

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Chairman of the Academic Council Oralkanova I.A.

Undergraduate practice

Discipline cycle	Profiling discipline
Course	4
Credits count	15
Knowledge control form	Total mark on practice

Short description of discipline

The purpose of the undergraduate practice is to complete the writing of the thesis (project). Deepening and consolidation of theoretical knowledge gained by students in geographical disciplines; acquisition of skills in the specialty; collection of factual material on the topic of the thesis (project).

Purpose of studying of the discipline

Formation of practical skills related to the conduct of geographical research for the purpose of comprehensive use in further professional activities on the basis of theoretical knowledge gained in the learning process, collection and processing of practical material necessary for the thesis.

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

- *Demonstrate theoretical and practical knowledge on the topic of the thesis;*
- *approbation of research results on the topic of the thesis.*
- *to realize the social significance of his future profession, has a high motivation to perform professional activities*

Prerequisites

Basic and profile disciplines of the EP

Postrequisites

Final examination

Productive (pedagogical) Practice

Discipline cycle	Profiling discipline
Course	4
Credits count	15
Knowledge control form	Total mark on practice

Short description of discipline

The production (pedagogical) practice of 4th- year students involves a deeper development of professional and pedagogical competencies, subject, methodological knowledge, skills and abilities in the organization, implementation and management of the integral pedagogical process of the class. The practice is designed to provide a link between the theoretical knowledge obtained during the development of academic disciplines and practical professional activity, it is aimed at conducting experimental work on a thesis

Purpose of studying of the discipline

consolidation and deepening of theoretical knowledge gained in the course of training, acquisition of practical skills and abilities to independently solve current professional tasks in the field of psychological and pedagogical support of the educational process.

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

- 1) Demonstrates interest in studying and uses the opportunities provided to acquire new knowledge and skills;*
- 2) Understands the importance of planning long-term goals of activity, taking into account the conditions, means, personal capabilities, stages of career growth, time prospects for the development of activities and the requirements of the labor market;*
- 3) Forms and argues his own position when solving professional tasks.*

Prerequisites

Pedagogical practice

Postrequisites

Final examination

Surveying basics of cartography

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

Short description of discipline

This training course is aimed at deepening students` understanding of topographic and geographical maps and their use in scientific research and practice, the process of creating maps, geological research.

In the course of studying the discipline, the state and prospects for the development of geodesy and cartography, basic information about topographic maps, the use of topographic maps, plans and aerospace photographs in the field are studied.

Purpose of studying of the discipline

formation of students` clear understanding of the means and methods of geodetic works during topographic and geodetic surveys, creation and correction of topographic plans

Learning Outcomes

ON4 To develop educational resources using modern means of information and information technologies in the educational process.

Learning outcomes by discipline

-to describe the figures of the Earth, the construction of the state geodetic justification for surveys in order to obtain topographic maps and plans;

-Perform computational work on topographic maps; perform topographic surveys and geodetic work on the creation of justification by methods of theodolite passages, serifs, in high-altitude justification - geometric, trigonometric and other types of leveling;

-Apply methods of work with cartographic materials, geodetic instruments.

Prerequisites

School course

Postrequisites

Fundamentals of geoinformatics

Cartography with the basics of topography

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

Short description of discipline

This course provides in-depth knowledge about the place of cartography in the system of geographical disciplines, basic cartographic concepts, classification of maps, mathematical foundations, symbols, geodetic instruments, mapping laws. During the course, students learn to read maps freely, analyze their contents, navigate the terrain without maps and using maps, use topographic maps, compass, geodetic instruments, work with satellite images, aerial photographs.

Purpose of studying of the discipline

The purpose - formation of students` cartographic knowledge necessary in working with geographical and topographic maps and other cartographic works in scientific research and practical work.

Learning Outcomes

ON4 To develop educational resources using modern means of information and information technologies in the educational process.

Learning outcomes by discipline

1) explain the basics of constructing a cartographic image, how to transform it, the rules for designing a system of conventional signs on maps, the principles for choosing and building the mathematical basis of a map, the main types of cartographic works;

2) determine the angles of directions, coordinates on topographic and small-scale maps;

3) to characterize the territory according to topographic and thematic maps, any phenomena and processes according to thematic maps of atlases.

Prerequisites

School course

Postrequisites

Fundamentals of geoinformatics

The topography of the basics of orienteering

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

Short description of discipline

This course covers the basics of topography, local orientation, the preparation of topographic maps and map projections, detailed information about topography. During the course, students learn the basics of the theory and practice of topography and orientation on the ground. As a result of the course, students develop knowledge, skills and abilities that allow them to read maps of the area using symbols, to make the necessary measurements on maps and tourist schemes.

Purpose of studying of the discipline

to give general and special knowledge about topographic maps, their content and methods of creation, possibilities of application for solving applied geographical problems, methods of topographical survey of the area

Learning Outcomes

ON4 To develop educational resources using modern means of information and information technologies in the educational process.

Learning outcomes by discipline

1)- Explain basic cartographic projections, map language, and techniques for extracting information from maps;

2) Describe the application areas of topographic and sports maps;

3) Conduct a comparative analysis of various maps and measure lengths and areas on a topographic map.

Prerequisites

School course

Postrequisites

Fundamentals of geoinformatics

The archaeology and history of primitive society

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

Short description of discipline

"Archaeology and the History of Primitive Society» shapes ideas about the peculiarities of archaeology as a science, introduces the

methods of archaeological research, provides knowledge of archaeological eras and periods, archaeological cultures of our country, in the reconstruction of the history of human civilization. Explains the process of societal development based on the characteristics of the human industry, culture and social relations.

Purpose of studying of the discipline

formation of a holistic view of the processes of anthropo-, socio- and cultural genesis, the main ways of the historical development of mankind, a systematic view of the existing general concepts of archaeological knowledge

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) determine the types of archaeological sites
- 2) analyze the main stages of human evolution and its economy
- 3) interpret information from historical sources

Prerequisites

School course

Postrequisites

New history of Kazakhstan

Ancient Huns

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

Short description of discipline

The course "Ancient Huns" covers the following main problems: Ancient Chinese sources on the Huns before and during the Great Hun State, the foreign and domestic policy of the Great Hun Empire, its governance and historical figures, the collapse of the power, the Hun Hordes in Eurasia, the Huns and the Western Huns Horde in Europe, its place and significance in world history.

Purpose of studying of the discipline

formation of knowledge on the socio-economic, political history of the Huns

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the features of the composition of the Hun state
- 2) apply the acquired knowledge, correlating individual phenomena with the general paradigm of world-historical development
- 3) interpret the nature of the interaction between East and West, the synthesis of traditions and cultures

Prerequisites

School course

Postrequisites

New history of Kazakhstan

History of Kazakhstan in the ancient

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

Short description of discipline

The discipline examines extensive factual material in chronological order, the main stages and originality of historical and ethno-cultural processes, the features of the Stone and Bronze Ages on the territory of Kazakhstan, archaeological cultures, features of the culture of the population of ancient Kazakhstan. Theoretical, methodological, conceptual problems of the ancient history of Kazakhstan in the context of world history events are considered.

Purpose of studying of the discipline

formation of systematic knowledge on the ancient history of Kazakhstan

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the features of the formation of early state entities
- 2) analyze the political, economic and cultural development of Kazakhstan in the period of antiquity
- 3) interpret information from historical sources

Prerequisites

School course

Postrequisites

New history of Kazakhstan

Auxiliary historical disciplines

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline introduces the subject and content of auxiliary historical disciplines: paleography, chronology, Metrology, numismatics, sphragistics, heraldry, genealogy, historical onomastics, as well as methods of their study and criticism, the principles of their practical application. To determine the place of auxiliary historical disciplines in the system of modern humanitarian knowledge

Purpose of studying of the discipline

formation of skills of external criticism

of the source, formation of knowledge about the features of sources of various historical periods.

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

1) compare working methods with different types and types of historical sources

2) distinguish methods of auxiliary historical disciplines

3) interpret information from historical sources and scientific literature

Prerequisites

History of Kazakhstan

Postrequisites

New history of Kazakhstan

Meteorology with the basics of climatology

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course examines the composition and structure of the Earth's atmosphere, the main atmospheric processes, radiation and heat balance, moisture circulation in the atmosphere, circulation in the atmosphere, climate of the Earth's surface, methods of meteorological observations. It teaches you how to correctly analyze data related to geographical phenomena and processes, the names and design of the main meteorological instruments, the principles of operation, and the ability to monitor the weather using simple meteorological instruments.

Purpose of studying of the discipline

to expand students' knowledge about the atmosphere, the nature of physical phenomena in it, the laws of climate formation and the geographical distribution of climate.

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

1) process primary meteorological information;

2) analyze climate processes;

3) to build climate diagrams and profiles based on statistical and cartographic data, to compile climate characteristics of any territories from various sources.

Prerequisites

School course

Postrequisites

Physical geography of continents and oceans

Modern climate change's problems

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course provides students with in-depth knowledge of modern global problems, the main causes of climate change, climate-forming factors, the influence of humanity on the climate, the main methods of studying climate. During the course, students will learn how to observe the weather, identify and explain the true causes of climate change, as well as explore the prerequisites for climate change, work with meteorological instruments.

Purpose of studying of the discipline

Formation of students' knowledge about the basic principles of adaptation of natural and anthropogenic systems to climate change and mitigation of its consequences.

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

1) Apply the acquired knowledge to determine the main factors of anthropogenic and natural impact on the climate;

2) Explain the skills to use climate information to assess the sensitivity, adaptability and vulnerability of systems to climate change;

3) Apply the main trends of large-scale climate change, their causes and consequences.

Prerequisites

School course

Postrequisites

Physical geography of continents and oceans

The doctrine of geosystems

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

In this course, students are fully acquainted with the general geographical shell, their interaction and the laws of the geographical shell, as well as with the local features of the structure of the geographical environment. During the course, students will learn to identify the main geographical patterns, explore the geographical system united by the flows of matter and energy, correlate, combine natural territories, natural landscapes, evaluate any geographical object.

Purpose of studying of the discipline

to form students` complete understanding of the geographical envelope, its components (geosystems of various ranks), the structure and laws of functioning of the landscape sphere of the Earth, various natural and anthropogenic geodynamic processes.

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- 1) use knowledge about the geographical foundations of sustainable development at the global and regional levels;*
- 2) Diagnose the problems of nature protection and determine the systems of interaction between society and nature;*
- 3) Develop a plan for conducting and give special recommendations for conducting comprehensive studies of regional, national and global geographical problems.*

Prerequisites

School course

Postrequisites

Physical geography of continents and oceans

Monetary circulation of medieval Kazakhstan

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course examines the formation and development of money in the cities of Kazakhstan in the V-XVII centuries. The value of the money issued by the cities of Ispidzhab, Almaty, Syganak, Sarayshyk, Yasy-Turkestan, Sairam, Sauran in the circulation of medieval money is shown, historical data in monetary terms are analyzed.

Purpose of studying of the discipline

Formation of systematic knowledge on the history of monetary circulation in medieval Kazakhstan

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) analyze the meaning of coin terms, classification and attribution of coins*
- 2) evaluate the role of the Great Silk Road in the development of trade and monetary circulation in Kazakhstan*
- 3) interpret information from historical sources and scientific literature*

Prerequisites

History of Kazakhstan

Postrequisites

New history of Kazakhstan

History of Kazakhstan the middle ages

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline studies the main problems of the history of medieval Kazakhstan. Periodization, stages of statehood formation, formation of Turkic statehood, consequences of the Mongol conquest, formation of the Kazakh Khanate, ethnogenesis of Kazakhs, economy, way of life, social system and political system of the Kazakh state, evolution of the spiritual world of nomads and their contribution to world civilization.

Purpose of studying of the discipline

Formation of knowledge about the main directions of historical processes, historical events that took place on the territory of Kazakhstan in the Middle Ages

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the main stages and originality of historical and ethno-cultural processes in the Middle Ages*
- 2) analyze the process of ethnogenesis and consolidation of the Kazakh nationality*
- 3) interpret information from historical sources*

Prerequisites

History of Kazakhstan

Postrequisites

New history of Kazakhstan

Ancient and medieval history of Eastern countries

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline studies the main aspects of the political, social, economic development of the ancient, medieval countries of the East, the history of their development. The article analyzes the study of the main features of the transition period of Ancient Eastern society from the first communal society to the state, the process of colonization of the Middle East by Western Europe.

Purpose of studying of the discipline

formation of comprehensive knowledge about the main stages of the formation and development of the countries of the East in antiquity and the Middle Ages

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the features and periodization of the concrete factual history of the countries of the ancient and medieval East*
- 2) explain the patterns of the general and special in the development of the East*
- 3) interpret information from historical sources and scientific literature*

Prerequisites

School course

Postrequisites

New and recent history of the East

History of China

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

Based on the history of the Qing dynasty in the period of the late XVII - early XX century, the culture and science, politics and ideology of China are studied. The author examines its relations with neighboring countries, the nature of the socio-economic and political development of Chinese society during the reign of various dynasties, based on factual data and historiographical material.

Purpose of studying of the discipline

Formation of comprehensive knowledge on the history of China in the context of the development of the world-historical process

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the general historical trends in the development of the East*
- 2) explain the specifics of China's political, economic and agricultural development*
- 3) analyze theories, trends and approaches to the history of China*

Prerequisites

School course

Postrequisites

Ancient and medieval history of Eastern countries

Medieval history of the Asia and the Africa

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline studies the development trends of Asian and African countries in the Middle Ages. Periodization, historiographical concepts, information about outstanding historical figures are considered. Historical events and processes in the countries of Asia and Africa are analyzed taking into account the specifics of political organization, the role of the states of the Afro-Asian continent in the history of world civilization.

Purpose of studying of the discipline

formation of comprehensive knowledge about the main historical stages of development of Asian and African countries in the Middle Ages

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) identify the main trends taking place in society*
- 2) to distinguish the main features of the local historical societies of Asia and Africa*
- 3) analyze the cause-and-effect relationships of historical events and processes*

Prerequisites

School course

Postrequisites

New and recent history of the East

Ancient historiography

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline aims to form a systematic knowledge of the development of historical knowledge in the period of antiquity, familiarity with the most important ancient theories of the historical process. The course includes the study of categorical and terminological apparatus, the origins of Greek historiography, the works of historians and writers who stood at the origins of Greek and Roman historiography.

Purpose of studying of the discipline

The subject is aimed at forming the students' historical consciousness, dealing with the problems of the history of their ancient peoples.

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) to determine the main directions of ancient historiography, the personalities of Greek and Roman historians*
- 2) be able to operate with terminology, categorical apparatus used in ancient works*
- 3) possess the skills of independent comprehension of the studied material*

Prerequisites

School course

Postrequisites

New and recent history of Western countries

Ancient and medieval history of Western countries

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline forms knowledge on the history of the development of Western European society and the state, the main stages of the development of ancient and medieval civilizations. Studies the driving forces and patterns of the historical process, the place of man in it and in the political organization of ancient and medieval societies, traditional and modern approaches to evaluation and periodization.

Purpose of studying of the discipline

Formation of comprehensive knowledge on the ancient and medieval history of Western countries

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) identify the main facts of the ancient and medieval history of the West*
- 2) explain the main trends of the processes that took place in society*
- 3) interpret information from historical sources and scientific literature*

Prerequisites

School course

Postrequisites

New and recent history of Western countries

Monuments of art of the ancient world

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

As part of the course, outstanding monuments of art of the ancient world are studied, reflecting part of the material and spiritual culture of mankind. The discipline involves the formation of systemic knowledge on the history of the study of material and written monuments, architecture, archeology, arts and crafts, introduces the main periods.

Purpose of studying of the discipline

formation of comprehensive knowledge about the features of monuments of art of the ancient world, the place and role of art of the Ancient world in world history

Learning Outcomes

ON3 Integrate the main provisions, concepts and laws in the field of historical disciplines when explaining theoretical and practical tasks.

Learning outcomes by discipline

- 1) distinguish the main monuments of the World Heritage by countries of the world*
- 2) explain the concept of "cultural heritage" in historical dynamics*
- 3) interpret information from historical sources and scientific literature*

Prerequisites

School course

Postrequisites

New and recent history of Western countries

Methodology of geograph training

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course covers the requirements of the state educational standard on geography in general education schools, the content, structure, methodological apparatus of school programs and textbooks on geography, methods of teaching geography, methods of using tools for teaching geography, the use of basic pedagogical technologies in the educational process. Provides students with knowledge on the theoretical and methodological basis of primary methodological creative activity in performing the functions of a geography teacher.

Purpose of studying of the discipline

form in students future teachers of geography, understanding of theoretical and methodological foundations of methodological science, to teach creative

application of acquired knowledge in the organization and implementation of the process teaching geography at school.

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

- to study the content of school geographical education in secondary school, methods and forms of organization of education, means of teaching geography, relationships and ways to achieve unity between the assimilation of knowledge, mental development and education of students in the process of teaching geography.

- to assimilate by students the principles and methods of teaching geography as a single process of education and upbringing;

- to form the skills of thematic planning, drawing up methodological developments of various types of lessons;

Prerequisites

Pedagogy

Postrequisites

Technologies of the updated content of education and criteria assessment

Organization and forms of independent work of pupils in geography

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course discusses the methods and forms of organization of independent work of students in the study of the school course of geography, methods of practical, field, extracurricular activities. Students learn the practice of organizing and conducting independent work in the classroom and extracurricular activities. Students receive skills for independent work in field research, the development of visual materials for the school geography course. Familiarize yourself with the criteria for evaluating independent work.

Purpose of studying of the discipline

expansion of the list of practical works that focus on active and independent knowledge of phenomena and processes that develop practical and creative skills of students

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

Learning outcomes:

- Describe the content of the concept of independent work of students, the features of the organization of independent work in schools and higher educational institutions.

- Explain tasks, principles, types and levels of own work.

-Analyze the types of independent work in preparation for the lesson.

Prerequisites

Pedagogy

Postrequisites

Technologies of the updated content of education and criteria assessment

Modern technologies in teaching geography

Discipline cycle	Basic disciplines
Course	2
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course describes the main methods of modern technologies for teaching geography and reveals ways to use them effectively in the classroom and in extracurricular activities. During the course, students gain an understanding of various learning technologies and learn how to use them in teaching geography. Students make a theoretical review of the main teaching technologies in a modern school, understand the importance of using various technologies in teaching geography to achieve the planned results.

Purpose of studying of the discipline

Methodical preparation of students for teaching geography and teaching the use of new technologies in the classroom.

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

Learning outcomes:

- Explain ideas about the use of innovative technologies in teaching geography;
- Implement innovative technologies in geography lessons
- Substantiate the principles of selection of certain technologies in teaching geography

Prerequisites

Pedagogy

Postrequisites

Technologies of the updated content of education and criteria assessment

Geocology of Kazakhstan

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

In the course of studying this discipline, young specialists get acquainted with modern environmental problems of the geological environment, the interaction of the geological environment and the Technosphere. Students master the basic methods of ecological and geological mapping of territories. This course assesses the pollution of air, water, reservoirs, lithosphere in the Republic of Kazakhstan and equips students with theoretical and practical knowledge on the subject describing the environmental situation in the regions.

Purpose of studying of the discipline

to give students a general idea of the geo-ecological situation in Kazakhstan.

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- Explain the main varieties, - Explain the basic concepts, theories and laws of geocology, the features of the geocological situation and the nature of the flow of geocological processes;
- Determine the ecological crisis and its manifestation at various hierarchical levels of geosystems
- analyze the interactions of natural and natural-man-made systems, about the anthropogenic impact and the reaction of the Earth's ecosystems to them;

Prerequisites

Cartography with the basics of topography

Postrequisites

Nature management and geocology

History of geographical research of the territory of Kazakhstan

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

Course on the history of geographical exploration of the territory of Kazakhstan

Contains the first geographical information about the lands of Kazakhstan and information about the Great Silk Road. Students get acquainted with the research of ancient scientists. During the course, students will study the history of the origin of toponyms, as well as physical and geographical studies of scientists and get acquainted with valuable geographical information about the lands of Kazakhstan in the Middle Ages.

Purpose of studying of the discipline

to form a historical and geographical culture by studying the history of geographical research on the territory of Kazakhstan from ancient times to the present day

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- To form ideas about geography as a single system of interrelated natural science and social subjects.
- Describe geographical research on the territory of Kazakhstan in stages
- To collect a collection of sources on the history of the development of geography on the territory of Kazakhstan.

Prerequisites

Cartography with the basics of topography

Postrequisites

Nature management and geocology

Physical geography of Kazakhstan

Discipline cycle	Profiling discipline
Course	3

Credits count	5
Knowledge control form	Examination

Short description of discipline

The course covers the geographical location and borders of Kazakhstan, the work of scientists studying the natural environment, geological history and paleogeography, geomorphological regions, modern landforms, climate, inland waters, soil cover, environmental problems of flora and fauna, the importance of protected areas. The largest natural complexes and physical-geographical regions of Kazakhstan are described. Knowledge about the ecological state of the natural environment of Kazakhstan is being formed.

Purpose of studying of the discipline

familiarization of students with the peculiarities of the nature of Kazakhstan and the basic laws of its formation; the history of studying the nature of the republic, the features of the components of the nature of the territory, physical and geographical countries and regions, the principles of physical and geographical zoning

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- Describe the history of the study of the territory, tectonic and geological structure, orography, relief, climate, waters, soil and vegetation, wildlife, natural zones of the territory of the Republic of Kazakhstan
- to familiarize with natural territorial complexes of various ranks, the relationship between them, the patterns of their formation and distribution;
- to form ideas about environmental problems, issues of nature protection in the Republic of Kazakhstan.

Prerequisites

Cartography with the basics of topography

Postrequisites

Nature management and geoecology

Geoinformation modeling of natural-territorial complexes

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

This discipline studies the issues of geoinformation modeling of natural territorial complexes and processes in the environment. When studying the discipline, students develop skills in creating electronic maps, modeling natural objects, spatial analysis, and using GIS in geographical research. Create databases in a GIS environment, process quantitative data and carry out research projects using modern GIS technology.

Purpose of studying of the discipline

Mastering the theoretical and practical provisions of geoinformation modeling, designing a spatial data base and GIS.

Learning Outcomes

- ON4 To develop educational resources using modern means of information and information technologies in the educational process.
- ON5 Explain the results of experimental research in the form of a report, a scientific report, a report, conclusions.

Learning outcomes by discipline

- Own the methods of geographical research to build models for the development of geographical processes
- Allocate time between the preparation of the theoretical part of the model being developed and the practical implementation using geographic information systems
- Conduct an analysis of geographic information and, on its basis, conduct modeling of the development of geographic processes

Prerequisites

Cartography with the basics of topography

Postrequisites

Application of ICT in the teaching of geography

Fundamentals of geoinformatics

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course introduces students to information about modern cartographic methods: digital map models, working with electronic maps, the functioning of geographical information systems, interconnections, geoinformation methods, features of GIS technologies, computer programs used in cartography, geographical databases, visualization of geographical data. Complements the knowledge about the basic ideas, principles and patterns of GIS application in geographical sciences, about the limits of the possibilities of GIS application in solving geographical problems.

Purpose of studying of the discipline

to form a theoretical understanding and skills of knowledge of geoinformation technologies, methods of creating and using GIS, geoinformation methods of geographical research and cartographic analysis of spatial data

Learning Outcomes

- ON4 To develop educational resources using modern means of information and information technologies in the educational process.
- ON5 Explain the results of experimental research in the form of a report, a scientific report, a report, conclusions.

Learning outcomes by discipline

- Explain the main ideas, principles and patterns of GIS use in geographical sciences;
- master the methods of compilation, editing, preparation for publication and publication of general geographic and thematic maps,

atlases and other cartographic images in traditional analog and digital forms
- solve applied problems using modern GIS packages

Prerequisites

Cartography with the basics of topography

Postrequisites

Application of ICT in the teaching of geography

Basics of remote sensing

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course is aimed at developing knowledge about modern methods of obtaining remote sensing data for various tasks of geographical research and practical skills in collecting, digital processing and thematic interpretation of aerospace images. The course covers topics such as data acquisition technologies and the physics of remote sensing; properties and features of processing images of various types; fundamentals of thematic interpretation of remote sensing data in geographical research.

Purpose of studying of the discipline

Formation of basic knowledge in the field of physical foundations of aerospace systems, mathematical methods for solving direct and inverse problems of remote sensing of the Earth

Learning Outcomes

ON4 To develop educational resources using modern means of information and information technologies in the educational process.

ON5 Explain the results of experimental research in the form of a report, a scientific report, a report, conclusions.

Learning outcomes by discipline

- to apply in practice the basic concepts, physical and mathematical models and methods for solving direct and inverse problems of remote sensing;*
- to justify and simplify the formulation of direct and inverse remote sensing tasks;*
- master new subject areas, theoretical approaches and experimental techniques related to aerospace remote sensing systems.*

Prerequisites

Cartography with the basics of topography

Postrequisites

Application of ICT in the teaching of geography

Historical geography of Kazakhstan

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

This discipline examines the influence of the geographical environment on the development of Kazakhstan. The process of formation of the population of Kazakhstan, its ethnic composition, location in ancient times and at the present stage is studied. The course forms an idea of changing the borders of the state in different periods of history, internal administrative-territorial division, localization of settlements.

Purpose of studying of the discipline

Formation of students' knowledge on the historical geography of Kazakhstan

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

- 1) demonstrate knowledge of the conceptual apparatus and basic methods of historical geography*
- 2) apply the acquired knowledge in practice*
- 3) interpret the cartographic material as a historical source.*

Prerequisites

School course

Postrequisites

New and recent history of the East

History of Eastern Alashorda

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline examines the socio-political situation in Kazakhstan after the February Revolution, the mood of the people and the national intelligentsia, the formation of the Alash party. When studying the course, students form knowledge about the activities of the government of the Alash in the Semey. The course highlights the source base and historiography of the Alash Orda movements.

Purpose of studying of the discipline

formation of students' knowledge on the history of the Eastern Branch of Alash-Orda

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

- 1) to determine the historical role of the Eastern Branch of the Alash Horde in the national liberation struggle of the Kazakh people
- 2) analyze socio-political processes and events of the first half of the twentieth century
- 3) apply methods and techniques of specific historical research

Prerequisites

School course

Postrequisites

New and recent history of the East

The history of the Turkic peoples

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course examines the history of the Turkic peoples as a single process, an integral part of world history. The discipline analyzes the historical roots of the origin of the Turkic peoples, their ethnic, political and cultural identity, and the political, cultural processes in the medieval Turkic associations in the late Medieval period, in modern times of history.

Purpose of studying of the discipline

Formation of knowledge on the history of the Turkic peoples as a single process, an integral part of world history

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

- 1) to determine the historical roots of the origin of the Turkic peoples
- 2) to study the history of the Turkic peoples using modern educational technologies;
- 3) interpret information from historical sources and scientific literature

Prerequisites

School course

Postrequisites

New and recent history of the East

Location geography of the population of Kazakhstan

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course defines the concepts of "population resettlement" and "population density", studies the main differences between the resettlement of peoples in different parts of the world and countries and the placement of peoples on the territory of Kazakhstan. During the course, a description of the factors affecting the distribution of the population on the territory of Kazakhstan: climate, relief, natural resources, historical factors, etc. will be considered in detail. The features of human adaptation to natural conditions are described.

Purpose of studying of the discipline

to form general information on the number, density and distribution of the population of Kazakhstan among students.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- to form knowledge about the patterns and regional differences in reproduction and gender and age structure of the population of Kazakhstan.
- to study the intensity, composition and directions of population migrations, territorial differences in the number, structure and use of labor resources;
- to establish geographical patterns in the location and types of settlement of the territory;

Prerequisites

Cartography with the basics of topography

Postrequisites

Country studies and the basics of political geography

Political geography the basics of geopolitics

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

In general, in mastering this discipline, students conduct research on the spatial and territorial aspect of politics and the socio-economic life of various states. During the course, students will fully familiarize themselves with the basics of theory and methodology of political geography and geopolitics. He is able to apply in practice theoretical knowledge of the main methods and methods of economic and geographical research, political geography and geopolitics, geography of the main branches of the economy, their main geographical laws, location and factors of development.

Purpose of studying of the discipline

to give students a comprehensive understanding of the basic laws and specifics of the territorial organization of the population and

economy of the Republic of Kazakhstan and its districts, highlighting the main problems of socio-economic development in the modern period.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- apply the theoretical and methodological foundations of the studied science in solving specific problems arising in various sectors of the economy of the Republic of Kazakhstan;
- to give an economic and geographical analysis and identify the key problems of the development of the main regions of the country;
- to find ways of rational use of natural resources;

Prerequisites

Cartography with the basics of topography

Postrequisites

Country studies and the basics of political geography

Economic and social geography of Kazakhstan

Discipline cycle	Basic disciplines
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

This discipline considers the economic geographical position of Kazakhstan, population and labor resources, agriculture, coal, oil, gas industry, electric power industry, metallurgical complex, chemistry, building materials industry, mechanical engineering, agro-industrial complex, food, light industry, infrastructure complex. Students acquire knowledge about the economic regions of Kazakhstan: Central, Eastern, Western, Northern, Southern, the economic situation of Kazakhstan, Kazakhstan's place in the world community.

Purpose of studying of the discipline

to give students a comprehensive understanding of the basic laws and specifics of the territorial organization of the population and economy of the Republic of Kazakhstan and its districts, highlighting the main problems of socio-economic development in the modern period.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- apply the theoretical and methodological foundations of the studied science in solving specific problems arising in various sectors of the economy of the Republic of Kazakhstan;
- to give an economic and geographical analysis and identify the key problems of the development of the main regions of the country;
- to find ways of rational use of natural resources;

Prerequisites

Cartography with the basics of topography

Postrequisites

Country studies and the basics of political geography

Extracurricular activities in teaching the history of the region

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

Students master the specifics of extracurricular work on the history of their native land at school; consider the methodology of organizing various forms of extracurricular work, methods of designing a system of extracurricular work, the use of various means of organizing and methods of extracurricular work on the history of their native land in a modern school.

Purpose of studying of the discipline

formation of knowledge on the methodology of organizing extracurricular work on the history of the native land

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

- 1) describe modern forms and methods of organizing extracurricular work on the history of the native land
- 2) design a system of extracurricular work on the history of the native land
- 3) use various means of organizing extracurricular work on history in a modern school

Prerequisites

Methodology of geograph training

Postrequisites

Productive (pedagogical) Practice

Studying the history of the native land in high school

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

During the course students will expand their abstract knowledge of the historical past of East Kazakhstan region, analyze historical processes with the help of concrete facts obtained at different stages of regional history.

Students will gain an understanding of the experimental work programme for the History of East Kazakhstan course, the methodological handbook and the annotated bibliography on the history of East Kazakhstan.

Purpose of studying of the discipline

formation of knowledge on the methodology of studying the history of the native land at school

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

1) determine the main models of lessons on the history of the native land

2) analyze and evaluate facts, phenomena, events, identify their features

3) present the results of their teaching activities

Prerequisites

Methodology of geograph training

Postrequisites

Productive (pedagogical) Practice

Methods of teaching a variable course on the history of the native land

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course is designed to form ideas about the historical past of the East Kazakhstan region and methods of teaching this subject, about the personalities who have left a significant mark in the history of the region; the formation of a sustainable interest in the socio-economic, political and geographical position of the East Kazakhstan region, its history and archeology, the development and current state of the region; introduction of students to the social experience and moral values, culture of the peoples living in the East Kazakhstan region

Purpose of studying of the discipline

formation of knowledge on the methodology of teaching a variable course on the history of the native land

Learning Outcomes

ON6 To educational material on all issues of the school and university program of geographical and historical disciplines for everyday professional activities.

ON7 Apply a variety of teaching and upbringing methods in geography and history lessons.

Learning outcomes by discipline

1) distinguish between modern scientific research on the methodology of teaching a variable course of history on the history of the native land

2) choose the optimal forms and methods of work in the classroom

3) demonstrate skills and abilities for the formation of students` various competencies

Prerequisites

Methods of teaching history

Postrequisites

Productive (pedagogical) Practice

Actual problems of the new and modern history of East Kazakhstan

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline forms an idea of the actual problems of the history of East Kazakhstan in modern and modern times. The article considers the entry of East Kazakhstan into the Russian Empire, the influence of the administrative policy of the Russian Empire on the socio-economic development of the region. The emergence of social movements, the anti-nuclear movement "Nevada-Semipalatinsk.

Purpose of studying of the discipline

Formation of knowledge on topical issues of socio-economic, political and cultural development of East Kazakhstan in new and modern times

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

1) to determine the main stages and features of the development of the region in the new and recent periods

2) analyze the cause-and-effect relationships of a historical event, link historical events with economic, social and political development

3) demonstrate the skills of collecting, systematization, registration of the collected material

Prerequisites

History of Kazakhstan

Postrequisites

New history of Kazakhstan

Spiritual culture of the Kazakh people

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course of the history of spiritual culture of the Kazakh people examines the peculiar process of formation and development of the historical and cultural life of the Kazakh nomadic society, its language, worldview, types of folk culture, the spiritual foundations of Kazakh culture. Discipline helps to substantiate the importance of spiritual development, and the ways of their development.

Purpose of studying of the discipline

Formation of knowledge about the peculiarities of the formation and development of the traditional spiritual culture of the Kazakh people

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

- 1) demonstrate knowledge of the spiritual heritage of the people, represented in their oral folk art, musical, literary, philosophical, historical works*
- 2) analyze the historical and cultural past*
- 3) develop creative and research skills*

Prerequisites

History of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Ethnology

Discipline cycle	Profiling discipline
Course	3
Credits count	5
Knowledge control form	Examination

Short description of discipline

The conceptual apparatus of ethnology, methods of collection, processing and interpretation of ethnological material, sources, main schools and trends, their most prominent representatives are studied. The basic principles of classification of the peoples of the world, ethnogenesis and ethnic history, modern ethnic picture are studied, the characteristics of historical and ethnographic regions and peoples in domestic and foreign ethnological science are given.

Purpose of studying of the discipline

formation of knowledge about the modern theoretical and methodological foundations of the science of the peoples of the world, skills of independent research and expert work corresponding to the current level of development of world ethnology

Learning Outcomes

ON8 Interpret information and sources in terms of their reliability and scientific character.

Learning outcomes by discipline

- 1) to determine the features of ethno-cultural and ethno-political processes in various regions of the globe;*
- 2) describe the main categories of ethnology;*
- 3) analyze historical material and apply it in professional activities.*

Prerequisites

Ancient and medieval history of Eastern countries Ancient and medieval history of Western countries

Postrequisites

New and recent history of Western countries New and recent history of the East

Actual problems of native history

Discipline cycle	Basic disciplines
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline forms the knowledge of theoretical positions on conceptual problems of National history. The course examines the problems of ethnogenesis of Kazakhs, the evolutionary development of Kazakh statehood and civilization, the phenomenon of nomadism, the colonization of the Russian Empire, the national liberation struggle of the Kazakh people for independence, Soviet modernization of Kazakhstan, modern economic, political, cultural processes.

Purpose of studying of the discipline

Formation of knowledge on current problems and history of Kazakhstan

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) identify current problems in the field of domestic science*
- 2) formulate and solve problems arising in the course of research and teaching activities on the problems of national history*
- 3) demonstrate the skills of practical work with sources*

Prerequisites

History of Kazakhstan

Postrequisites

History of the Kazakh diaspora

Discipline cycle	Basic disciplines
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The subject of the history of the Kazakh diaspora is an independent subject in the cycle of social-humanitarian sciences. History of Diaspora - studies historical, socio-political, cultural and everyday problems of the Kazakh diaspora. The course allows students to analyze the main stages of formation of the Kazakh diaspora, topical issues of development abroad, modern development of the Kazakh diaspora.

Purpose of studying of the discipline

Formation of systematic knowledge about the main stages, causes, historical conditions of the emergence of the Kazakh Diaspora

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) identify the main stages of the formation of the Kazakh diaspora
- 2) evaluate the modern development of the Kazakh diaspora
- 3) interpret information from historical sources and scientific literature

Prerequisites

History of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

New history of Kazakhstan

Discipline cycle	Basic disciplines
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The course is devoted to the problems of national history of the XVIII- early XX century. The role of Kazakhstan in the system of international relations of the XVIII-XIX centuries, the stages of transformation into a colony of the Russian Empire, the social and political development of Kazakhstan at the beginning of the XX century, the activities of the Kazakh intelligentsia.

Purpose of studying of the discipline

Formation of knowledge on the new history of Kazakhstan

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) identify the main problems of the history of the Kazakh people from the XVIII- early XX centuries.
- 2) analyze theoretical and methodological concepts in the study of the history of Kazakhstan of modern times
- 3) compare and summarize historical facts based on the study of sources

Prerequisites

History of China

Postrequisites

Productive (pedagogical) Practice

New history countries of the Europe and the America

Discipline cycle	Basic disciplines
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline is aimed at studying the most important problems of modern history. The period of completion of the industrial revolution in the most industrially developed countries, the process of disintegration of the European traditional society, accompanied by the revolutionary formation of the bourgeois social system and the emergence of an industrial (new) civilization, are considered.

Purpose of studying of the discipline

mastering the totality of facts and phenomena of the new history of the countries of Europe and America based on the analysis of sources and research literature

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) describe specific historical facts, political history and socio-economic development of European and American countries in modern times
- 2) analyze historical phenomena, processes, facts
- 3) interpret information from historical sources and scientific literature

Prerequisites

Ancient and medieval history of Western countries

Postrequisites

Contemporary History of the Europe and the America

Discipline cycle	Basic disciplines
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline is designed to form a comprehensive understanding of the main trends in the political, economic, and cultural development of the leading countries and regions of Europe and America in the XX - early XXI centuries. The course forms objective ideas about the specifics of the evolution of Western civilization, and the formation of a modern post-industrial, information civilization.

Purpose of studying of the discipline

Learning Complex, which is on the modern history of Europe and America to effectively organize the classes. In order to increase the incentives for education to be a careful history and the results of the analysis of historical facts and events for the active involvement of students historical knowledge, we need to create a strong taught to students.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) correlate historical events with the historical period based on the knowledge of the scientific periodization of the history of the XX-XXI centuries;
- 2) describe the common features and features of political regimes in different Western countries
- 3) identify common features of the economic development of large Western countries and explain the features of the development of individual countries in recent times

Prerequisites

Ancient and medieval history of Western countries

Postrequisites

Productive (pedagogical) Practice

New and recent history of Western countries

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

The discipline examines the historical development of Western countries in the context of world history, introduces students to the scientific categorical apparatus, the main sources for the studied period. While studying the course, students form systematic knowledge on the basic concepts of social development of Western countries, the process of formation of the world system of international relations.

Purpose of studying of the discipline

the study of the features of the political, economic and social development of the states of Europe and America from the XVII century to the present day and the identification of common specific features characteristic of these countries at this stage of the world historical process. To contribute to the development of professional competence of bachelor in pedagogical education on the basis of the formation of students' holistic view of the peculiarity of the socio-economic and cultural development of the countries of Europe and America.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- 1) identify the main problems of the history of Western countries from the XVIII- early XXI centuries.
- 2) describe theoretical and methodological concepts in the study of the history of Western countries in modern and modern times
- 3) compare, analyze and summarize historical facts based on the study of sources

Prerequisites

Ancient and medieval history of Western countries

Postrequisites

Productive (pedagogical) Practice

The geography of international relations

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course establishes the periodic table of elements for international studies. He studies the mechanisms and forms of territorial administration, the geopolitical structure of the world, represented by many territorial models, and the theoretical problems of world geopolitical cycles. Considers geopolitical factors in international relations, the possibilities and ways of the new economic policy, ways to determine the effective balance of universal and state interests in international relations.

Purpose of studying of the discipline

formation of skills of free orientation on new economic horizons, introducing students to the new geo-economic world, international relations.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- Determine the specifics of the main trends in the evolution of international relations, the main patterns of development of scientific knowledge in the field of international relations
- To show the legitimacy of the geographical position of international relations;
- to analyze the economic relations of the countries of the world.

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Basics of tourism

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

Disciplines provides students with information about the theoretical foundations of tourism, introduces students to the basic concepts of the tourism industry, and the economic and social effectiveness of tourism and forms knowledge about the main factors.

Elements of local history and sports orientation of tourism are studied in detail. Introduces the terms used in the field of tourism

Develops economic and environmental education of students, taking into account tourism.

Purpose of studying of the discipline

The influence of elements of local history and sports orientation of tourism on the formation of a comprehensive personality. Creating conditions for self-development and social adaptation.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- To form students` basic theoretical knowledge and practical skills in conducting recreational and health-improving activities with the population by means and methods of sports and health tourism.
- Introduce students to a healthy lifestyle, cultural, historical and environmental values of tourism. To instill in students a sense of civic and professional responsibility for protecting the environment and ensuring the safety of participants in tourism activities.
- Explain the basic practical and organizational methodological skills of conducting tourist and recreational work with different age and sex groups of the population

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Country studies and the basics of political geography

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

This discipline forms knowledge about the regions of the world, physical- geographical, historical- cultural, political- geographical, historical-geographical zoning, geopolitical areas. Students receive systemic knowledge about the methods of comparing countries, indicators of the development of demographic, methodological, information technologies used in comparing countries, calculating the gross domestic product, the global competitiveness index, global geopolitical space, geopolitical factors in geopolitics, morphology of the state territory, state borders.

Purpose of studying of the discipline

comprehensive study of countries and their regions, systematization of various data on their nature, population, economy, culture and socio-political organization

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- to form knowledge about the theoretical, methodological and methodological foundations of country studies;
- analyze the socio-economic and geographical position of the leading countries of different types;
- assess resource availability and disclosure of natural resource, socio-economic, ecological and recreational potential of territories of various regions of the world.

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

New and recent history of the East

Discipline cycle	Basic disciplines
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Course	4
Credits count	3
Knowledge control form	Examination

Short description of discipline

Students master scientific concepts about the political, socio – economic situation of the countries of Asia, partly Africa (the countries of Northern Africa) in the new and modern period, give a comparative description of historical events. Based on historical data, he identifies the origins of culture and civilization of the East, conducts historical analysis, learns about the patterns and stages of human society development.

Purpose of studying of the discipline

Formation of knowledge about the main stages of the history of the countries of the East in modern and modern times

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

1) correlate historical events with the historical period based on the knowledge of the scientific periodization of the history of the XX-XXI centuries;

2) describe the general features and features of political regimes in the countries of the East

3) to determine the general features of the economic development of the major countries of the East and explain the peculiarities of the development of individual countries in recent times

Prerequisites

Ancient and medieval history of Eastern countries

Postrequisites

Productive (pedagogical) Practice

The new history of the countries of Asia and Africa

Discipline cycle	Basic disciplines
Course	4
Credits count	3
Knowledge control form	Examination

Short description of discipline

The course focuses on the study of the period of world history, when the process of disintegration of European traditional society unfolded, accompanied by the formation of a bourgeois social system and the emergence of a new civilization, examines the socio-economic, political processes that formed the fundamental development of the western region in the XVII – early XX centuries.

Purpose of studying of the discipline

Formation of knowledge about the main stages of the history of Asian and African countries in modern times

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

1) identify the main problems of the history of Asian and African countries from the XVIII- early XX centuries.

2) describe the development of Eastern civilization taking into account the specifics of Asian and African societies

3) compare, analyze and summarize historical facts based on the study of sources

Prerequisites

Ancient and medieval history of Eastern countries

Postrequisites

Productive (pedagogical) Practice

The newest history of the countries of Asia and Africa

Discipline cycle	Basic disciplines
Course	4
Credits count	3
Knowledge control form	Examination

Short description of discipline

The course provides an understanding of the patterns and peculiarities of the historical development of African-Asian countries in the modern world. By identifying the characteristics of the different regions of both continents, examining important developments in the formation of independent states in Asia and Africa after the collapse of the colonial system, determines their place and importance in the world community.

Purpose of studying of the discipline

Formation of knowledge about the main stages of the history of Asian and African countries in modern times

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

1) identify the main problems of the history of Asian and African countries from the XVIII- early XX centuries.

2) describe the development of Eastern civilization taking into account the specifics of Asian and African societies

3) compare, analyze and summarize historical facts based on the study of sources

Prerequisites

Ancient and medieval history of Eastern countries

Postrequisites

Productive (pedagogical) Practice

The geography of cities

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

In general, when mastering this discipline, students study cities and form geodemographic knowledge.

In the course of mastering the discipline, they will be armed with scientific theoretical knowledge of the basics of urban settlement of the countries of the world.

Students assess the economic and geographical position of cities and the urban environment in a modern context.

Purpose of studying of the discipline

Formation of a holistic view of the general geographical patterns of the process of world urbanization, the nature, trends and problems of the development of large urban systems in the context of globalization

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- Get acquainted with the basic skills and methods of studying the geography of cities from the standpoint of the economic and geographical characteristics of geographical objects;
- apply in professional activities the acquired knowledge and skills in the field of geography of cities to reflect the historical stages of urbanization processes, the prospects for the development of urbanization territories in geography lessons.
- Explain basic concepts of urban geography.

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Geography of natural resources

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

Students study the development and distribution of territorial complexes of natural resources . Also, the development of the discipline studies the patterns of distribution of natural resources on earth, the problems of uneven distribution of natural resources.They get acquainted in detail with the resources of various regions of the world, as well as with the problems of their rational use and ways to solve them.

Purpose of studying of the discipline

To study the laws of distribution of natural resources on the earth`s surface, territorial features and problems of uneven distribution of natural resources.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

Explain the history of the development of the territory and natural resources of individual countries and regions of the world, as well as present

a natural resource picture of the world;

- Analyze and evaluate resource availability and disclosure of natural resource, socio-economic, ecological and recreational potential of territories of various regions of the world;
- To systematize the values of the study of natural resources and to identify the links of human activity with the state of the environment.

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Economic, social and political geography of the world

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

Explains the formation of the economic, social, political map of the world in the course of economic and social geography, its content. Examines the main economic, social, and financial patterns. To teach how to apply data on economic, social and political geography in the practice of everyday life. During the course, students study economic sectors around the world, features of development, influence factor, concepts of import, export.

Purpose of studying of the discipline

Formation of students` knowledge about the basic concepts of the world economy, the international division of labor, the general features of states depending on the level of economic development, the development of industry and agriculture.

Learning Outcomes

ON10 Apply knowledge of economic and social geography, new and recent history of the world in pedagogical activity.

Learning outcomes by discipline

- Explain the conceptual provisions of general scientific and geographical teachings, theories, hypotheses that make up the scientific framework of the socio-economic geography of the world
- analyze modern socio-economic processes, predict their development;
- explain, based on the received theoretical knowledge and a variety of factual material, economic, geographical, social, environmental and geopolitical processes of various scales in nature and society.

Prerequisites

Economic and social geography of Kazakhstan

Postrequisites

Productive (pedagogical) Practice

Landscaping

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

This discipline covers the history of landscape studies, the main methods of landscape research, the vertical and horizontal structure of the landscape, its morphology, examines in detail the classification of landscapes. Students acquire knowledge about the main taxonomic units of landscape zoning, dynamic processes in landscapes, zoning of natural and anthropogenic landscapes of Kazakhstan, landscape and ecological mapping, as well as the main directions of applied landscape research.

Purpose of studying of the discipline

formation of modern knowledge and skills about landscapes (geosystems), their structure, properties, dynamics, geoecological and geochemical principles of designing and using natural and anthropogenic landscapes.

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- identify the natural components of landscapes and their connections;
- to characterize the main physical and geographical patterns and show their significance for global, regional and local processes and phenomena in the landscape sphere
- To show methods and methods of assessing the ecological state of natural and anthropogenic landscapes and its rational use.

Prerequisites

Physical geography of continents and oceans

Postrequisites

Productive (pedagogical) Practice

Physico-geographical regionalization

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course forms students' knowledge of the physico-geographical complex and its composition, the development of scientific representations of physico-geographical zoning, principles and methods, the system of taxonomic units, physico-geographical boundaries. Students learn about the current state of physical and geographical zoning of continents, oceans, mountain systems, Physical and geographical zoning of the CIS countries and Kazakhstan, applied zoning, systematically acquires knowledge about the importance of physical and geographical zoning.

Purpose of studying of the discipline

to form knowledge about the geographical envelope and its constituent natural territorial complexes of different ranks, about the methodological foundations of physical and geographical zoning

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- to characterize the main theoretical and methodological provisions of geographical zoning, the history of the formation and development of geographical zoning;
- use information sources for zoning;
- possess methods of scientific analysis and synthesis of various literary data on the problems of physical and geographical zoning.

Prerequisites

Physical geography of continents and oceans

Postrequisites

Productive (pedagogical) Practice

Nature management and geoecology

Discipline cycle	Profiling discipline
Course	4
Credits count	5
Knowledge control form	Examination

Short description of discipline

This course covers types of nature management and their impact on the environment, principles of rational nature management, pollution of geospheres, geoecological zoning, anthropogenic factors, global environmental problems, world experience and innovative technologies in their solution. Students supplement their knowledge on environmental problems of Kazakhstan, human development issues, their criteria, peacemaking, energy and raw materials, the world ocean, problems of developing countries, geoglobalization.

Purpose of studying of the discipline

to form knowledge about the geographical envelope and its constituent natural territorial complexes of different ranks, about the methodological foundations of physical and geographical zoning

Learning Outcomes

ON9 Describe the patterns of formation of natural complexes and identify the features of the interaction between nature and society at the present stage.

Learning outcomes by discipline

- to characterize the main theoretical and methodological provisions of geographical zoning, the history of the formation and development of geographical zoning;*
- use information sources for zoning;*
- possess methods of scientific analysis and synthesis of various literary data on the problems of physical and geographical zoning.*

Prerequisites

Physical geography of continents and oceans

Postrequisites

Productive (pedagogical) Practice