



NJSC «KAZAKH NATIONAL WOMEN TEACHER TRAINING UNIVERSITY»
INSTITUTE OF PHYSICS, MATHEMATICS AND DIGITAL TECHNOLOGIES
6B03201 Library Science
CATOLOG OF ELECTIVE DISCIPLINES

EDUCATIONAL PROGRAMME: 6B03201 – LIBRARY SCIENCE

1. OPTIONAL COMPONENTS OF THE CYCLE OF GENERAL COURSES

Optional component 1

Course: Fundamentals of Legal Literacy and Anti-Corruption culture

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Basics Law (school cours)

Purpose: formation of a legally competent, law-abiding person who knows his rights and duties, intolerant of any manifestations of corruption.

Short Description: The course is aimed at the formation of a legally competent, law-abiding person who knows his rights and obligations, intolerant of any manifestations of corruption. Students will be able to operate with the social, legal and ethical norms of Kazakhstani society.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 3 - Demonstrate knowledge of and compliance with ethical and legal standards in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 4 - Demonstrates honesty, sincerity, hard work and integrity, which are necessary not only for professional activities, but also for a citizen and patriot of his country.

Learning Outcomes in Course (LOC):

LOC 1 - To know the importance and role of legal culture in the life of society, its relationship with the political culture of the individual and the main definitions of corruption;

LOC 2 - Analyze the main obstacles on the way to ensuring the inalienable human rights; the role of human rights in personal life and in the life of society;

LOC 3 - Apply the acquired knowledge in political analysis, in the activities of public authorities, political and public organizations, analyze problems related to corruption and countering it;

LOC 4 - Be able to engage in dialogue as a way of relating to legal culture and society.

Post requisites: no

Optional component 1

Course: Fundamentals of Ecology and Safe life

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Biology, Geography (school program)

Purpose: maintaining the stability of life by analyzing environmental processes, forming priority areas and setting specific tasks for nature conservation.

Short Description: The discipline forms students' modern environmental education and culture, develops skills in applying methods to improve the safety of technical means and technological processes for safe life. Reveals the basic laws of the functioning of ecosystems of various levels of organization, the biosphere as a whole, the contradictions that arise in the relationship between man and nature, as well as the need for respect for nature and ecology.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 4 - Demonstrates honesty, sincerity, hard work and integrity, which are necessary not only for professional activities, but also for a citizen and patriot of his country.

Learning Outcomes in Course (LOC):

LOC 1 - Knows the terms and concepts that define the main features and features of ecosystems;

LOC 2 - Has an idea of the complex relationships taking place in nature, as well as between society and nature;

LOC 3 - Can give an environmental assessment of the situation in the region and promote the knowledge gained as a result of work in all areas of its activities;



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LOC 4 - It can analyze the main legislative documents on environmental safety and modern environmental problems.
Post requisites: no

Optional component 1

Course: Fundamentals of Economics and Entrepreneurship

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Fundamentals of Entrepreneurship and business (school course)

Purpose: familiarization of students with the basics of economics and entrepreneurship, mastering the conceptual apparatus and basic forms of doing business.

Short Description: The discipline is focused on the formation of students' skills of entrepreneurship and business thinking. Through a comprehensive view of the laws of the functioning of the economy, the conditions for doing business, its internal and external environment, students will have the skills to develop a business plan, create and successfully run their own business.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 4 - Demonstrates honesty, sincerity, hard work and integrity, which are necessary not only for professional activities, but also for a citizen and patriot of his country.

Learning Outcomes in Course (LOC):

LOC 1 - Know the basic concepts in the field of economics and entrepreneurship;

LOC 2 - Be able to find and use the necessary economic information; determine the organizational and legal forms of organizations;

LOC 3 - Determine the composition of the material, labor and financial resources of the organization;

LOC 4 - Evaluation of a business idea and development of a business plan.

Post requisites: no

Optional component 1

Course: Fundamentals of Leadership and receptivity to innovation

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: no

Purpose: in the process of studying the discipline, the student develops the skills of setting goals and objectives, timely planning of group work, problem solving, a sense of responsibility and effective communication.

Short Description: The course contributes to the disclosure and development of leadership qualities in the personality of each student, the development of innovative susceptibility skills in him, as a process of adaptation to innovations caused by innovative processes, as well as the use of the results of scientific and technical processes in his life and professional activities. Studies the current state and prospects for the development of leadership qualities and the human factor in management.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 4 - Demonstrates honesty, sincerity, hard work and integrity, which are necessary not only for professional activities, but also for a citizen and patriot of his country.

LOP 9 - Able to create an inclusive environment and an emotionally stable atmosphere in the library team, understands the role of library institutions in the education and development of culture, aesthetics and spiritual values of society.

Learning Outcomes in Course (LOC):

LOC 1 - Understands theoretical and applied research in the field of modern management achievements in Kazakhstan and abroad using modern scientific methods;

LOC 2 - Knows how to work effectively individually and in a team;

LOC 3 - Independently study and continuously improve their qualifications throughout the entire period of professional activity;

LOC 4 - Applies professional knowledge in the field of organizational and managerial activities.



Post requisites: no

Optional component 1

Course: Emotional Intellect

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: no

Purpose: knowledge and ability to apply modern methods of diagnostics and development of emotional intelligence of students and soft skills, including in the format of distance learning.

Short Description: The discipline is aimed at mastering the role of a tutor by the teacher in the context of strategic guidelines and priority areas of the state educational policy of Kazakhstan. Students determine the place of emotional intelligence and "flexible competencies" in the educational process of the modern school. They apply modern methods and technologies for organizing educational activities, taking into account the development of soft skills, including in the digital environment. They possess technologies for assessing and developing the emotional intelligence of students of different age groups.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 4 – Demonstrates honesty, sincerity, hard work and integrity, which are necessary not only for professional activities, but also for a citizen and patriot of his country.

LOP 10 - Applies methods and tools of marketing and management to organize and implement library activities. Explores the state of development of librarianship based on a comparison of national and world experience.

Learning Outcomes in Course (LOC):

LOC 1 - Modern methods and technologies of organizing educational activities taking into account the development of soft skills, diagnostics and evaluation of flexible skills, the formation of individual educational directions and methods of organizing group activities;

LOC 2 - Application of modern methods and technologies for organizing educational activities, taking into account the development of flexible skills, including in the digital environment;

LOC 3 - Flexible skills on the skillfolio platform have the ability to carry out complex diagnostics of soft skills, interpret the results and develop them both in individual and group forms of training.

Post requisites: no

Optional component 1

Course: Fundamentals of mathematical statistics

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Mathematics (school programme)

Purpose: is to familiarize students with the forms and laws of consistent thinking, to teach students to think consistently, to contribute to the development of skills of sound argumentation.

Short Description: Students understand the process of collecting, processing data and transmitting ideas, develop skills in using quantitative and qualitative data analysis in assessing the state of the object or phenomenon in question.

Learning Outcomes in EP (LOP):

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 10 - Applies methods and tools of marketing and management to organize and implement library activities. Explores the state of development of librarianship based on a comparison of national and world experience.

Learning Outcomes in Course (LOC):

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O *Post requisites:* no

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2. OPTIONAL COMPONENTS OF THE CYCLE OF CORE COURSES



Optional component 1

Course: Information culture

Intensity of the Course: 5 academic credits

Module Code: **DPM-5**

Module Name: Methods of processing of the document

Prerequisites: Library Science

Purpose: "Information culture" helps the future specialist to find information sources, gives the right guide when using information resources, improves the quality of knowledge in the field of technology.

Short Description: In the course of studying the discipline, the future specialist needs to find sources of information, correctly focus on the use of information resources, and improve the quality of education.. Develops the skills of developing the information culture of specialists, analyzing the world's information resources, using various methods of searching for information, and reliably assessing the level of their own information competence and self-management

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

Learning Outcomes in Course (LOC):

LOC 1 – be able to analyze Library and bibliographic processes, know the meaning and specific features of information and library activities.

LOC 2 – knowledge of the basics of research work and the ability to perform independent educational and research work;

LOC 3 – educating students about research work carried out in the library; informing students about the nature, meaning, and types of research work

Post requisites: Library and information resources

Optional component 1

Course: Scientific and information culture

Intensity of the Course: 5 academic credits

Module Code: **DPM-5**

Module Name: Methods of processing of the document

Prerequisites: Library Science

Purpose: to provide students with knowledge, skills and information self-sufficiency in educational and research activities and to instill the necessary skills in this direction.

Short Description: In the course of studying the discipline, methods of using scientific information in culture, the use of information technologies, as well as information resources and information cultures in society are studied. Studies the language of information search, formation of a culture of searching for new information, selection of reference information, methods of providing documentary resources.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems

LOP 5 - Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

Learning Outcomes in Course (LOC):

LOC 1 – be able to analyze Library and bibliographic processes, know the meaning and specific features of information and library activities;

LOC 2 – knowledge of the basics of research work and the ability to perform independent educational and research work;

LOC 3 – educating students about research work carried out in the library; informing students about the nature, meaning, and types of research work

Post requisites: Library and information resources

Optional component 2



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Course: Reading guide for children and youth

Intensity of the Course: 5 academic credits

Module Code: **DPM-5**

Module Name : Methods of processing of the document

Prerequisites: Library Science

Purpose: The Children's Library helps students to master the basics of science, awakens every child's interest in the book and satisfies their taste for literature. Forms a new team of children who are passionate about books, reading.

Short Description: The discipline examines the formation of the theory and practice of book reading guidance for children and adolescents, the disclosure of development patterns, goals and objectives of leadership, methods, content of book reading. Forms reading culture development skills.

Learning Outcomes in EP (LOP):

LOP 1 – Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

LOP 9 – Is able to create an inclusive environment and an emotional stable atmosphere in the library team, understands the role of library institutions in the education and development of culture, aesthetics and spiritual values of society.

LOP 12 – Evaluates personal and professional development in order to solve the problems of high-quality and competitive organization of professional activity of the head of librarianship

Learning Outcomes in Course (LOC):

LOC 1-masters the scientific understanding of the interrelation of the logical system in education;

LOC 2-systems of assimilation planning of knowledge change for improvement and creation of new systems;

LOC 3-selects preparatory forms, methods and means of activity with a set goal, the foundations of existing knowledge and skills, creative and business abilities that form the current problem;

LOC 4-the ability to adapt to the leadership working with new ideas, to design training and actions to manage it (creativity), the ability to instill the will to succeed.

LOC 5-the main tasks of guiding children's reading through events held in the library, develop their cultural and social consciousness.

Post requisites: Innovative library services

Optional component 2

Course: Organization of work of special libraries

Intensity of the Course: 5 academic credits

Module Code: **DPM-5**

Module Name: Methods of processing of the document

Prerequisites: Library Science

Purpose: Provides information about the typical distribution of libraries, the goals and objectives of special libraries, the features of reader service, the structure of the book fund.

Short Description: Provides information about the typical breakdown of libraries, the purpose and tasks of special libraries, the features of reader service, and the structure of the book fund. Special libraries inform readers with special educational needs about the ways of service, the problems of creating an inclusive information environment.

Learning Outcomes in EP (LOP):

LOP 1 – Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 10 – Applies methods and tools of marketing and management for the organization and implementation of library activities. Examines the state of development of librarianship on the basis of a comparison of national and world experience.

LOP 12 – Evaluates personal and professional development in order to solve the problems of high-quality and competitive organization of professional activity of the head of librarianship

Learning Outcomes in Course (LOC):

LOC 1-is able to identify the features of the organization of the work of special libraries and analyze the main;

LOC 2-to show classical methods and techniques in library work, to reveal their place in society, their importance in the development of library work;



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LOC 3-Types and stages of cultural and mass work in the organization of the work of special libraries, the place of cultural events in modern society;

LOC 4-definition of modern methods and techniques in the organization of the library, their importance in the development and promotion of the library;

LOC 5-defines the working methods of modern electronic libraries and defines the essence of their variable models;

Post requisites: Innovative library services

Optional component 3

Course: History library science

Intensity of the Course: 5 academic credits

Module Code: **TFL -4**

Module Name : Theoretical foundations of library science

Prerequisites: Library Science

Purpose: " the essence, content and significance of the history of librarianship. Introduce students to the theory and practice of libraries, show the role of libraries in society, equip students with knowledge and skills in the development of the history of librarianship.

Short Description It gives an idea of the typical distribution of libraries, the goals and objectives of special libraries, the features of reader service, and the structure of the book fund. Develops knowledge about ways to serve special educational needs of readers with special libraries, issues of creating an inclusive information environment.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems

LOP 6 – Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

Learning Outcomes in Course (LOC):

LOC 1 - knowledge of the history of librarianship, the current state and development of librarianship, and the specifics of library institutions and information centers;

LOC 2 – must fully master the theory and practice of library science, know the features and patterns of development of human society, history.

LOC 3 – to be able to analyze research papers on the trends in the formation and development of the world library business from ancient times to the present day.

LOC 4 - be able to analyze students ' research papers on the trends in the formation and development of world librarianship from ancient times to the present day.

Post requisites: History of Kazakh books and documents

Optional component 3

Course: Library science and bibliography of Kazakhstan

Intensity of the Course: 5 academic credits

Module Code: **TFL -4**

Module Name : Theoretical foundations of library science

Prerequisites: Library Science

Purpose: to demonstrate the history of librarianship and bibliography of Kazakhstan, its role in society, the history of formation and development, as well as to get acquainted with modern problems of library science.

Short Description: He has knowledge of the history of librarianship and bibliography of Kazakhstan, its role in society, the history of its origin and development, and analyzes current topical problems of librarianship. Defines innovative directions for the development of the theory and practice of librarianship at the present stage. *Learning Outcomes in EP (LOP):*

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems

LOP 6 - Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 10 – Applies methods and tools of marketing and management for the organization and implementation of library activities. Examines the state of development of librarianship on the basis of a comparison of national and world experience.

Learning Outcomes in Course (LOC):



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LOC 1 - knowledge of the history of librarianship, the current state and development of librarianship, and the specifics of library institutions and information centers;

LOC 2 – must fully master the theory and practice of library science, know the features and patterns of development of human society, history.

LOC 3 –to be able to analyze research papers on the trends in the formation and development of the world library business from ancient times to the present day.

Post requisites: History of Kazakh books and documents

Optional component 4

Course: Library advertizing the theory and practice

Intensity of the Course: 5 academic credits

Module Code: **PB-7**

Module Name: Public bibliography

Prerequisites: History library science

Purpose: review of the theory and practice of library advertizing, marketing, management of advertizing work; formation of a new image of the library through advertizing tools.

Short Description: the Historical aspects of library advertizing, marketing, management, and legalization of advertizing services were based on comprehensive disclosure to students. The new content involves creating a positive image of the library through advertizing tools. Show the types, features, and methods of organizing advertizing in a modern environment. Using the latest modern information technologies, in library and information practice, students are trained in an effective way of advertizing via the Internet.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 10 – Applies methods and tools of marketing and management for the organization and implementation of library activities. Examines the state of development of librarianship on the basis of a comparison of national and world experience.

Learning Outcomes in Course (LOC):

LOC 1 - knowledge of types, features and methods of advertizing organization in the modern environment;

LOC 2 - training in effective methods of advertizing via the Internet in library and information practice using the latest modern information technologies.

LOC 3 - historical aspects of library advertizing, marketing, management, legalization of advertizing activities 1- knowledge of types, features and methods of advertizing organization in the modern environment;

Post requisites: Library and information management

Optional component 4

Course: Library Smart Technologies

Intensity of the Course: 5 academic credits

Module Code: **PB-7**

Module Name: Public bibliography

Prerequisites: Information culture

Purpose: to Develop students ' knowledge, skills and abilities to apply innovative technologies in library activities. The discipline examines library Smart technologies-innovative technologies combining traditional library and modern technologies. This allows you to learn about the need for digital platforms on which you can access e-books and other information resources.

Short Description: Rules, methods and tools of modern library technologies. The general concept of library technologies, description of library processes and systems. Students' mastering of theoretical problems of computer science as a related discipline with a cycle of library and bibliographic disciplines with a primary focus on the practical application of its methods and tools in the creation of an AIS.

Learning Outcomes in EP (LOP):



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LOP 3 – Demonstrate knowledge and compliance with ethical and legal norms in research and the use of digital technologies. Apply security measures when working with digital information and data protection, promote active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

Learning Outcomes in Course (LOC):

LOC 1 - This is an innovative concept of library activity, which provides for the transformation of the content and organizational forms of traditional library work into transparency, multifunctionality, the introduction of digital technologies and resources, ensuring the integration of the library into the modern information space.

LOC 2 - helps to develop access to electronic textbooks and reading culture with the help of library Smart technologies.

LOC 3 - gets acquainted with the main experimental types of library activities;

Post requisites: Library and information management

3. OPTIONAL COMPONENTS OF THE CYCLE OF MAJOR COURSES

Optional component 1

Course : **Library and information resources**

Intensity of the Course: 4 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Information culture

Purpose: to Consider the place and importance of library information systems in modern automated technology and to provide students with knowledge, skills and competencies. Show the capabilities of local information systems. Learn more about the structure and features of global and regional networks. Reveal the prospects of working in global and regional networks

Short Description: To acquaint with the main directions of information needs, types, to interpret the essence of information resources and needs in the modern environment. Preparation of information resources in accordance with the information needs of specialists. Students study the role and significance of modern automated library and information systems About information resources and needs.

LOP 3 – Demonstrate knowledge and compliance with ethical and legal norms in research and the use of digital technologies. Apply security measures when working with digital information and data protection, promote active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 10 – Applies methods and tools of marketing and management for the organization and implementation of library activities. Examines the state of development of librarianship on the basis of a comparison of national and world experience.

Learning Outcomes in Course (LOC):

LOC 1 - knowledge of the main features of classification of information needs, the emergence and development of needs;

LOC 2 - the mastery of different methods of information processing;

LOC 3 - ability to use the main information resources in library activities in accordance with the needs of readers;

LOC 4 - know the principles of modernity for the development of information needs in the course of applying the principles of modern new technologies.

LOC 5 - knowledge of the essence and purpose, the theoretical foundations of the concept of information necessity.

Post requisites: no

Optional component 1

Course : **Information technologies in the library sphere**

Intensity of the Course: 4 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Information culture



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Purpose: The discipline is aimed at familiarizing with the main trends and prospects for the development of automated library and information systems and development, mastering the basic information processes related to the collection and processing of information based on the use of new information technologies in the modern library industry.

Short Description: This discipline covers the basic concepts and principles of the use of information technology in library processes, such as automation of library systems, electronic catalogs, database management, digital library and other technologies used in library activities.

Learning Outcomes in EP (LOP):

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems

LOP 3 – Demonstrate knowledge and compliance with ethical and legal norms in research and the use of digital technologies. Apply security measures when working with digital information and data protection, promote active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

Learning Outcomes in Course (LOC):

LOC 1-monitors the emergence and development of features, systems and needs of information technology;

LOC 2-uses various methods of information processing;

LOC 3-is able to use the main information resources in library services in accordance with the requests of readers;

LOC 4-analyzes the principles of modernity for the development of information technologies in the process of applying the principles of modern new technologies;

LOC 5-knows the essence and purpose, the theoretical foundations of information technologies used in libraries.

Post requisites: no

Optional component 2

Course: Library catalogs

Intensity of the Course: 6 academic credits

Module Code: DPM-5

Module Name: Methods of processing of the document

Prerequisites: Analytical and synthetic processing of document

Purpose: when studying this subject, library catalogues and their system, types, card files and bibliographic databases are considered. Special attention is paid to the issue of electronic catalogs. Various classifications of UDC, BBK and other classifications, rubricators are studied. Students are shown the emergence and formation of library catalogs, such as the Babylonian library (Ashurbanipal catalog), the British Museum (London). Theory, methodology and organization and experience in creating catalogs, as well as modern methods, directions and creation of Web catalogs are shown.

Short Description: Students study the history, theoretical foundations, and methods of organizing a library catalog. Organization of alphabetical and systematic catalogs, their use in reference and bibliographic activities, information search. In addition, by opening the book collection, students develop skills in working with the library classification system. Knows the organization and coordination of library catalog systems.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge and compliance with ethical and legal norms in research and the use of digital technologies. Apply security measures when working with digital information and data protection, promote active, safe and ethical use of digital resources

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

Learning Outcomes in Course (LOC):

LOC 1 - knowledge of the technology of analytical and synthetic processing of documents, methods of forming library catalogs;

LOC 2 - evaluation and expertise of the library stock, organization and coordination of library catalog systems.

LOC 3 - ability to organize library catalogs; - ability to work with an electronic catalog;

LOC 4 - Mastering the work of searching for information with the development of library automated library programs.

Post requisites: no

Optional component 2

Course: Electronic catalog

Intensity of the Course: 5 academic credits



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Module Code: DPM-5

Module Name: Methods of processing of the document

Prerequisites: Analytical and synthetic processing of document

Purpose: to Provide a comprehensive understanding of the library's electronic catalog, information technology training, and systematization of electronic catalogues. Theory, methodology and organization and experience in creating catalogs, as well as modern methods, directions and creation of Web catalogs are shown.

Short Description: The discipline studies methods of forming electronic catalogs, evaluation and examination of the library stock, organization and coordination of electronic catalog systems. Provides knowledge about the electronic catalog system and cataloging technology based on new standards that correspond to the international level. It can use catalogs as information search engines and enter information about a document in an electronic catalog
Discipline: Electronic catalog.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge and compliance with ethical and legal norms in research and the use of digital technologies. Apply security measures when working with digital information and data protection, promote active, safe and ethical use of digital resources

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

Learning Outcomes in Course (LOC):

LOC 1 - knowledge of methods for creating electronic catalogs;

LOC 2 - evaluation and examination of the library stock, organization and coordination of electronic catalog systems.

LOC 3 - ability to work with electronic library catalogs

Post requisites: no

Optional component 3

Course : World bibliography

Intensity of the Course: 5 academic credits

Module Code: PB-7

Module Name: Public bibliography

Prerequisites: Bibliography studies

Purpose: to provide knowledge about the history of the world bibliographic process, as well as about the development and new trends in world bibliography.

Short Description: Provides knowledge about historical trends, developments, and new trends in world bibliography. Studies theoretical and practical knowledge, patterns and features in the field of world bibliography. The significance of world bibliography can analyze the contribution to the development of modern human civilization. Studies the history, formation, development of bibliographic services and the current state of world libraries.

Learning Outcomes in EP (LOP):

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problem

LOP 6 - Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

Learning Outcomes in Course (LOC):

LOC 1 - to equip with theoretical and practical knowledge in the field of world bibliography;

LOC 2 - study of the laws and features of the development of the world bibliography,

LOC 3 - be able to analyze the meaning of the world bibliography about the contribution to the development of modern human civilization;

LOC 4 - knowledge of the history, the formation of world libraries, the current state and development of bibliographic services, the specifics of the activities of library institutions and information centers;

Post requisites: no



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Optional component 3

Course : Bibliography and library science of the world

Intensity of the Course: 5 academic credits

Module Code: **PB-7**

Module Name : Public bibliography

Prerequisites: Bibliography studies

Purpose: to provide students with systematic knowledge about the origin, formation and development of libraries and librarianship on a global scale from the moment of the appearance of libraries to the modern period; to consider the problems of national current and retrospective bibliography and librarianship in the modern world; orientation in bibliographic and reference world literature.

Short Description: Formation of skills and understanding skills using elements of advanced world knowledge in the field of world bibliography. Able to implement innovative technologies in practice by analyzing and comparing applications in the field of world bibliography. Develops the skills of information support and forecasting of global information resources.

Learning Outcomes in EP (LOP):

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problem

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

LOP 10 – Applies methods and tools of marketing and management for the organization and implementation of library activities. Examines the state of development of librarianship on the basis of a comparison of national and world experience.

Learning Outcomes in Course (LOC):

LOD 1 - possession of bibliographic knowledge for solving creative tasks in the field of professional library-bibliography;
LOD 2-formation of ideas and skills in the field of world bibliography, taking into account elements of developed world knowledge;

LOD 3-active participation in the functional activities of the world's library and bibliographic institutions, drawing up the necessary production and scientific library documentation.

Post requisites: no

Optional component 4

Course : Library and information activities of school libraries

Intensity of the Course: 6 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Library Science

Purpose: The study of the basics of science by readers of school libraries helps to increase children's interest in reading, satisfies and forms their taste for literature, develops interest in reading.

Short Description: during the courses, students gain knowledge about the state and problems of information activities in school libraries. He is proficient in methods of forming school library collections and providing library services to readers. Use of library service technology, use of the media library system, and age-related training for readers. Provides for the stages of automation of school libraries.

Learning Outcomes in EP (LOP):

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

Learning Outcomes in Course (LOC):

LOC 1 - form of disclosure of school library content, search and promotion of printed publications



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LOC 2 - possession of interpersonal skills of working in a group

LOC 3 - mastering the scientific understanding of the interaction of the logical system in education

LOC 4 - expansion of functional responsibilities in the school library, training in the organization of the educational process, printed materials and library catalogues

LOC 5 - is able to work with the book Fund of readers and conduct search work with electronic catalogs.

Post requisites: no

Optional component 4

Course : : Information security

Intensity of the Course: 6 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Information culture

Purpose: formation of knowledge of future specialists about the basic concepts and methods of information (data, knowledge) protection and software (system, application, instrumental).

Short Description: The course program is aimed at studying the methods of dynamic analysis of malicious objects. This course examines the basic concepts of information security, including those related to the protection of information data. The basics of the implementation of malicious software and cyber attacks, methods of intrusion detection and methods of expert analysis of incidents are considered.

Learning Outcomes in EP (LOP):

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problem

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

Learning Outcomes in Course (LOC):

LOC 1 – has the skills to conduct experiments according to a given methodology, process the results, evaluate the error and determine the reliability of the results obtained; the ability to select, study and generalize scientific and technical literature, regulatory and methodological materials on ensuring the basics of cybersecurity

LOC 2 – is able to develop a strategy of actions based on a systematic approach using the processed information received;

LOC 3 – has the skills to build and test models for the analysis and synthesis of information and communication systems, networks and devices

Post requisites: no

Optional component 5

Course : Local history and regional information resources

Intensity of the Course: 6 academic credits

Module Code: **PB-7**

Module Name : Public bibliography

Prerequisites: Bibliography studies

Purpose: Defining the goals and objectives of local history and regional information resources. Providing students with knowledge of local history and regional information resources.

Short Description: to Give students knowledge about library and bibliographic local lore. For the work of the libraries local history orientation. Formation and organization of the Fund of local lore literature, compilation of local lore catalogues and card files, formation of ways to promote local lore literature. Definition of literature and documents on local history topics, use and replenishment of the library Fund, determination of ways to promote local history literature to readers.

Learning Outcomes in EP (LOP):

LOP 6 – Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers



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LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

LOP 12 – Evaluates personal and professional development in order to solve the problems of high-quality and competitive organization of professional activity of the head of librarianship

Learning Outcomes in Course (LOC):

LOC 1 - possession of bibliographic knowledge for solving creative tasks in the field of professional library-bibliography;

LOC 2-formation of ideas and skills in the field of world bibliography, taking into account elements of developed world knowledge;

LOC 3-active participation in the functional activities of the world's library and bibliographic institutions, drawing up

Post requisites: Branch bibliotechno-information resources

Optional component 5

Course : Library study of local lore

Intensity of the Course: 5 academic credits

Module Code: **PB-7**

Module Name : Public bibliography

Prerequisites: Bibliography studies

Purpose: Defining the goals and objectives of library local history. Providing students with library local history education.

Short Description: Provides knowledge about the basics of creating a reference and information fund of library local lore. He gets acquainted with the local history work of district and regional libraries. Owns the organization and formation of the fund of local history literature, the formation of local history catalogs, thematic files, databases.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 – Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 6 – Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

Learning Outcomes in Course (LOC):

LOC 1 - Learn how to use methodological, reference, and scientific literature in the field of library local lore in the specialty;

LOC 2 - development of information and educational technologies based on local history reference and bibliographic apparatus for self-education in order to complete the curriculum and self-education;

LOC 3 - identification of documents with local lore literature on local lore topics, use and replenishment of the library Fund, promotion of local lore literature to readers.

Post requisites: Branch bibliotechno-information resources

Optional component 6

Course : Methodical and project activities of the library

Intensity of the Course: 6 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Innovative library services

Purpose: Future specialists are taught the basic concepts of innovative and methodological activities of libraries, activities as a form of library management, mastering methodological work, improving library knowledge.

Short Description: In the process of studying the discipline, students are taught the basic concepts of innovative and methodological activities of libraries as a form of library management. Provides students with professional knowledge, skills and practical skills of innovative technologies used in library activities. He is proficient in analysis, planning, and statistical analysis of innovation activities in the library.



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LOP 6 – Knows the history, theory, technology of librarianship. Carries out the synthesis of practical skills and interdisciplinary connections in professional activity. I am open to new knowledge, research for personal and professional growth.

LOP 7 – Has the skills of library activity, using innovative methods of developing high-quality library services for information consumers

LOP 8 – Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

LOP 12 – Evaluates personal and professional development in order to solve the problems of high-quality and competitive organization of professional activity of the head of librarianship

Learning Outcomes in Course (LOC):

LOC 1 - learn how to use methodological, reference, and scientific literature in the field of library local lore in the specialty;

LOC 2 - mastering personal qualities for the purpose of self-education, completing the curriculum to improve their knowledge on the methodological basis of information and educational technologies;

Post requisites: no

Optional component 6

Course : Digital library and electronic resources

Intensity of the Course: 6 academic credits

Module Code: **IAL-6**

Module Name : Innovative activities in the library

Prerequisites: Innovative library services

Purpose: Currently, libraries are forming a fund of electronic documents by switching to digital technologies. Readers master the possibility of free use of electronic documents from the library. It is aimed at developing the skills of using digital technologies for organizing the educational process in the library and developing methodological materials

Short Description: This course introduces students to the basics of digital libraries, electronic resources and databases. It includes the study of ways to create, manage and organize electronic collections and resources, as well as the use of various formats of electronic publications.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 5 - Uses safe and effective digital tools and technologies for professional activities. Applies the latest achievements of the IT industry and technical progress in professional activities.

LOP 8 – - Is able to analyze professional activity in order to form an information culture and motivation for continuous improvement of library qualifications, professionally oriented self-educational activities, pedagogical and research, creative work in the field of librarianship.

Learning Outcomes in Course (LOC):

LOC 1 - uses digital technologies in librarianship and can use electronic resources.

LOC 2 - is able to search and use electronic documents for free use on the Internet

LOC 3 - develops skills in digital programs and technical means, depending on the availability of electronic resources.

LOC 4 - knows the goals and concepts, prerequisites for digitizing the library. LOC 1 - must know the disciplines of library science and bibliography and the theoretical foundations of the specialty History;

Post requisites: no