2.1. INFORMATION ON MODULES AND DISCIPLINES

ISE– 1 Integration of science and education

Module Description: The module aims to give undergraduates an understanding of the relationship between science and education, as well as how scientific concepts can be effectively taught and communicated to students. It also defines the skills and knowledge necessary for the effective integration of scientific concepts into the educational context. The module prepares them for careers in science education, curriculum development, science communication, or further study of disciplines related to science education.

№	Code and title of the discipline	Cycle/ component	ECTS	Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
1	**ISE 501** Foreign language (professional)	CC/ UC	4	Foreign Language (Professional) refers to the specialized study and application of a foreign language in specific professional contexts and fields. The discipline aims to develop language skills and cultural competence that are specifically adapted and essential for effective communication, negotiation, collaboration and professional environments. Master students will understand and navigate the cultural nuances, etiquette, and business practices of native speakers of the target language, enabling them to build stronger relationships and successfully conduct international affairs.	- discussion -case study - project method	LO 1 LO 2	Written
2	**ISE 502** Management	БД/ ВК	2	The purpose of mastering the discipline "Management" is the formation of a scientific understanding of management as a form of professional activity; mastering by students of general theoretical provisions of the management of socio-economic systems; mastering the skills and abilities of practical solution of managerial problems; studying the world experience of management, as well as the peculiarities of Russian management, training in solving practical issues related to the management of various aspects of the activities of organizations.	- discussion -case study - project method	LO 3	Письменный
3	**ISE 503** Psychology of management	CC/ UC	4	The purpose of studying the discipline "Psychology of management": the formation of students' theoretical knowledge and practical skills in applying modern psychological methodology to the study of mental processes in people involved in management, to solving problems of managing a workforce.	- discussion -case study - project method	LO 4	Written

TMT - 2 Theoretical and methodological training

Module description: The theoretical and methodological training module is designed to equip participants with the necessary knowledge and skills to conduct thorough theoretical and methodological research in their respective fields. This module aims to provide a comprehensive understanding of the various theoretical underpinnings and research methodologies, allowing participants to critically evaluate existing theories and develop sound research.

№	Code and title of the discipline	Cycle/ component	ECTS	Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
	TMT 501/1 Designing methodology curriculum	CC/ OC	5	The purpose of the discipline is curriculum design, the study of ways to plan, organize and develop educational strategies, processes, materials and practices aimed at learning outcomes and learning achievements. Curriculum development is based on the direction: writing specific learning outcomes, including knowledge, skills and approaches, and harmonizing the results, learning strategies and assessment objectives.	- seminars - interactive discussions -case studies - practical exercises.	LO 1 LO 8 LO 9	Written quizzes, assignments and final project
	TMT 501/2 Assessment for learning	CC/ OC		This discipline provides participants with a deep understanding of assessment in education. Emphasizes the close relationship between assessment and learning and seeks to bring together different perspectives on assessment in learning and to show how these perspectives affect system assessment.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project
	TMO 501 Theory and practice of teaching writing and reading skills	MC/OC	5	This course is designed to provide a comprehensive understanding of how the interacting components of understanding and structure are learned from early childhood to adolescence and beyond. It also examines research evidence on teaching practices that are most effective in promoting literacy and encouraging critical thinking about policy and practice.	- seminars - interactive discussions -case studies - practical exercises.	LO 1 LO 2 LO 5	Written quizzes, assignments and final project
	TMT 502/2 Problems of teaching modern methods			Knowledge of modern technologies and modern approaches to teaching a foreign language; apply modern methods and technologies for teaching a foreign language, including informational ones, at any educational level and in an educational institution of any type; use of modern information technologies in the educational process.			

TMO – 3 Theory and methods of organization of scientific work

Description of the module: The module is designed for undergraduates to provide a comprehensive understanding of the theoretical foundations and practical strategies for the effective organization and management of research projects. This module aims to equip undergraduates with the knowledge and skills necessary to effectively plan, execute and disseminate research work.

№	Code and title of the discipline	Cycle/ component	ECTS	Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
1	**TMO 501** Theory and practice of teaching modern foreign language	CC/ UC	5	The complex and interdisciplinary construct "language-culture-personality" is included as an object of formation of the activity of the future "subject of intercultural communication" in the form of new cognitive-linguocultural complexes, which are included in the general cognitive mechanism of the individual as they learn a foreign language and culture.	- seminars - interactive discussions -case studies - practical exercises.	LO 1 LO 6 LO 7	Written quizzes, assignments and final project
2	**TMO 501/1** Abstracting and annotation of scientific texts	MC/OC		Annotation, abstracting, scientific and technical translation; abstract, review and annotation of textbooks and scientific literature; systematize, edit and translate texts of different genres and styles; formation of cognitive competence and its subcompetences: speech, language, sociocultural, linguoculturological, social, strategic, discursive.	- seminars - interactive discussions -case studies - practical exercises.	LO 8 LO 9 LO 10	Written quizzes, assignments and final project
3	**TMO 501/2** Abstract of scientific articles	MC/OC	6	Formation on the basis of the acquired knowledge and skills in pedagogical professional activity, the ability to carry out work in this direction; present the results of research work in the form of a speech, report, information review, analytical report, article; know the methodological foundations of writing scientific papers; determine the subject, relevance, object, purpose and objectives of the topic; know the features of the language of science.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project
4	**TPF 502/1** Second foreign language	MC/OC	5	The content of the course is aimed at developing a culture of communication: the use of a foreign language as a means of communication, education and self-education, a tool for cooperation and interaction in the modern world; the main functions of communication: information-communicative, stable-communicative, affective-communicative; to carry out oral speech communication in a variety of socially determined situations.	- seminars - interactive discussions -case studies - practical exercises.	LO 5	Written quizzes, assignments and final project

№	Code and title of the discipline	Cycle/ component	ECTS	Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
	TPF 502/2 Workshop of the second foreign language	MC/OC		The course teaches the creation of speech works of various genres in a foreign language; speech forms of utterance: narration, description, monologue, dialogue - and their phonological features; speaking and its phonetic characteristics: short syntagmas, a wide melodic range, a change in the rate of speech, a wide range of pauses and loudness. Pronunciation style: neutral, complete, incomplete.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project

TPF – 4 Theory and practice of a foreign language

Description of the module: The module is designed for a comprehensive understanding of the theoretical foundations and practical skills necessary for the effective study of a foreign language and communication in it. This module aims to improve participants' second language proficiency, cultural awareness and communicative competence in the target language.

№	Code and title of the discipline	Cycle/ component	ECTS	Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
	TPF 505/1 Foreign language for academic purposes	MC/OC	5	Working with authentic scientific and technical literary texts, using the vocabulary of professional vocabulary; deepening and expanding the knowledge of undergraduates about the academic types of scientific work in a foreign language; planning and writing essays on various topics; writing scientific articles and submitting them to foreign publishers	- seminars - interactive discussions -case studies - practical exercises.	LO 1 LO 5 LO 6	Written quizzes, assignments and final project
	TPFL 505/2 Critical thinking and academic literacy	MC/OC		This interdisciplinary course aims to instill an innovative teaching methodology, bringing creativity and critical thinking to subject-based learning. Graduates will explore core teaching tools and strategies, learning environments, and expand opportunities for incorporating elements into subject areas through the use of a variety of methods to create an active and holistic experience for learners.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project
5	**TPF 601/1** Modern technologies in teaching foreign languages			Formation of a professionally oriented component of the information competence of teachers of linguistic specialties, which allows to search for the necessary information to build a training course, discipline; own the terminology that describes the educational process in terms of the competency-based approach and	- seminars - interactive discussions -case studies - practical exercises.	LO 1 LO 6 LO 7	

				applied educational technologies; to carry out information retrieval of data for the didactic development of the required format of work in the classroom, depending on the type of educational technology.			
6	**TPF 601/2** Technologies of textual activity in teaching foreign language communication	MC/OC		Information-analytical and information bibliographic works, modern information technologies in the field of scientific and scientific-pedagogical activity in higher educational institutions; effectively and creatively use the acquired knowledge to solve pragmatic professional problems; be able to use teaching methods using authentic materials; organize independent work of students using various techniques.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project
7	**TPF 602/1** Research design and methods	MC/OC	6	The discipline will prepare undergraduates to design effective and ethical research. You will learn the relevant structures and tools for qualitative and quantitative analysis in educational science. The discipline focuses the student on the development and design of a research project. The design, development and application of educational systems based on the educational principles of evolution are synchronized with the evolutionary education system, where the philosophy and methodology of education are firmly and deeply rooted.	- seminars - interactive discussions -case studies - practical exercises.	LO 7 LO 8	Written quizzes, assignments and final project
8	**TPF 602/2** Blended methods and interdisciplinary research	MC/OC		Goals and objectives of the course: critical analysis of modern concepts, processes and phenomena in the field of scientific research methodology; integration of knowledge obtained in various disciplines to solve research problems in cases of uncertainty; Educational research and research methods; Main research methods used in educational research, advantages and disadvantages of different methods.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project
9	**TPF 602/1** Introduction to modern online teaching methods	MC/OC	6	Данная дисциплина призван дать знания о современных технологиях и современных подходах к обучению иностранному языку, использовать онлайн методы и технологии обучения иностранному языку. Также учит развивать английский язык с помощью цифровых платформ для современного онлайн-обучения и гибридных моделей обучения.	- seminars - interactive discussions -case studies - practical exercises.	LO 7 LO 11	Written quizzes, assignments and final project

№	Code and title of the discipline	Cycle/ component	ECTS		Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
10	**TMT 503/1** ICT applied to the teaching of English	CC/ OC			The purpose of the discipline is to maximize the use of the potential of ICT in teaching languages. In addition, the use of ICT is learning a range of digital approaches that promote continuous learning. Language education is the teaching of digital literacy skills by explaining that these are open access resources, online courses, virtual classrooms, media and various digital platforms based on information and communication technologies (ICTs), and improving interaction and communication.	- seminars - interactive discussions -case studies - practical exercises.		Written quizzes, assignments and final project

RW 5 – Research Work

Module description: The module is designed to enhance skills, knowledge and competencies that go beyond their research work. This module aims to develop skills and prepare undergraduates for various professional roles and careers.

№	Code and title of the discipline	Cycle/ compo nent	ECTS		Description of the discipline	Methods of teaching	Learning outcomes	Assessment methods
1	RW5(6)03 Internship	CC/ UC	4		Consolidation of knowledge about modern methods of teaching foreign languages. Event types: schools, colleges. institutions. Purpose: preparation of undergraduates for scientific and pedagogical activities in educational institutions. Tasks: development of scientific and pedagogical competence. Implementation of projects on the modern methodology of foreign language teaching in the context of a specific educational process. Participation in the lessons of the best teachers. Independent lectures, practical and laboratory classes.	Practical work	–	Report
2	RW5(6)03 Internship	CC/ UC	3		Research practice is able to analyze and critically evaluate the results of its research, as well as other scientists; aimed at substantiating and formulating the theoretical and practical essence of the problem under study, an analytical collection of scientific literature in the field of philology.	Practical work	–	Report
4	Experimental research work of a student, including an internship and the implementation of a Master's project	MRW	1		Mastering modern theoretical and methodological achievements of philological science. Use of modern methods in selected scientific research.	Practical work	–	Report

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5	Experimental research work of a student, including an internship and the implementation of a Master's project	MRW	1		Independent study of new theoretical and methodological works of domestic and foreign philological science. Strengthening practical skills in the use of modern research methods. Participation in the research work of the department and a specialized research institute.	Practical work	–	Report
	Methods of scientific research		2	2	The course is aimed at developing the skills of writing various scientific texts(scientific article, report, reviews, literature review, article based on empirical data, etc.), comprehensive mastery of their features and structures. The course covers all the problems that a doctoral student faces in the process of writing an article, from choosing a topic to publishing it. In the course of studying the discipline, doctoral students improve skills such as critical thinking, writing systematization, scientific discourse, critical reading, analysis, evaluation, etc. They get acquainted with the structure and styles of scientific articles in high-ranking international journals.			
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6	Experimental research work of a student, including an internship and the implementation of a Master's project	MRW	11	15	Registration and preparation for publication of scientific articles in publications recommended by the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.	Practical work	–	Report
	Academic writing		2		Mastering modern theoretical and methodological achievements of philological science. Application of modern methods in individual studies.			
	Methods of scientific research		2		Get acquainted with the structure and styles of scientific articles in journals with a high international rating.			
8	Final certification	FC	8		Registration and defense of a master's thesis (RDMT)		–	Defense
	Total		**120**					