



CATALOG OF ELECTIVE DISCIPLINES

For students in the direction of preparation 7M014 Teacher training with subject specialisation for general development

Brief description of the elective disciplines of the educational program

EPG	EP	Form of education	The name of discipline	Code of subject	Discipline cycle	Component	Number of credits	Level of training	Faculty	Course	Academic period	Pre-requisites	Post-requisites	Brief content of the discipline	Key learning outcomes	Name of the alternative discipline
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Theoretical foundations of the mechanization of agricultural production	TOMSP 5203	BS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Mechanization of technological processes	1	2	Theoretical and applied mechanics, Design foundations and machine parts	Technical support in the agricultural sector	Theory and calculation of modern machines and tools for tillage. Theoretical foundations of mechanical tillage. Energy assessment of tillage machines. Technological process and calculation of the basic parameters of machines for applying organic and mineral fertilizers. The calculation of the main working bodies and modes of operation of the feed, harvest, grain cleaning and sorting machines. Theories of livestock mechanization processes, setting the machine for a given mode of operation. Key questions on the substantiation of the main parameters and modes of operation of the working bodies, mechanisms of agrotechnological machines and their design.	Increasing the ability to compare, formulate conclusions, build their own arguments, express their position on the main issues of the engineering and technical sphere of the agro-industrial complex. To know and understand the goals and objectives of production, technological, organizational and managerial activities in the field of engineering systems development in the CX direction. Demonstrate readiness to conduct scientific research, calculation and technological work to substantiate the system of machines and equipment for the production of agricultural products. Knowledge of the basic provisions of the system of agriculture and crop production, the use of digital technologies in the management of the process of cultivation of agricultural crops	
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Introduction to leadership in education	VLO 5206	BS	Elective subjects	4.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	1	2	Pedagogics of higher school, Psychology of management	Leadership and team building in educational institutions, Leadership potential of the leader in education, Leadership Psychology, Leadership qualities of a teacher	Models of effective communication leader. Ways to manage in critical situations. Work techniques in the management team and the principles of the distribution of roles in the team. Techniques for effective control and motivation of learning. Leadership Theory. Concepts of leadership behavior (three leadership styles (K. Levin), Ohio State University research, University of Michigan studies, management systems (R. Likert), managerial framework (Blake and Moughton), the concept of reward and punishment, leadership substitutes (S. Kerr and J. Dzhermier).	Ability to model, implement and evaluate the educational process and design additional vocational education programs in accordance with the employer's needs. ON6. The system of training the leader in education, ensuring the readiness of students for innovation and advanced education, the harmonization of professional self-determination of students at all stages of the professional development of the individual.	

M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Theory and practice of dual training	TPDO 5305	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	1	3	Pedagogics of higher school, Scientific basis for the organization of educational process in higher school, Teaching practice	Research practice	The introduction of elements of the dual learning system. Regulatory support of the introduction of system elements. Dual learning correction of work programs of academic disciplines and professional modules with elements of the system of dual education. Mentoring as a tool for implementing practice-oriented learning. Development and implementation of educational programs using elements of dual training.	The concept of the theory and practice of dual education, understanding and ability to carry out a pedagogical process that combines training in educational organizations with mandatory periods of study and practice in an enterprise with the provision of jobs.
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Leadership Psychology	PL 5306	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	1	3	Pedagogics of higher school, Psychology of management	Research practice	Leadership and group process. Personal approach to leadership. Behavioral management approach. Motivational-probabilistic approach to leadership. Transactional leadership approach. Charismatic approach to leadership. Leadership and organizational process. Psychological support of leadership potential development	The system of training the leader in education, ensuring the readiness of students for innovation and advanced education, the harmonization of professional self-determination of students at all stages of the professional development of the individual. ON 2 The ability to reasonably choose and effectively use educational technologies, methods and means of training and education to ensure the planned level of personal and professional development of the student.
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Leadership qualities of a teacher	LKP 5208	BS	Elective subjects	4.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	1	3	Pedagogics of higher school, Psychology of management	Leadership potential of the leader in education, Master student's research work, including implementation of master's thesis	Leader as a special type of figure, endowed with specific features. A leader as a person endowed with a certain set of traits and placed in certain conditions in which the process of leadership is carried out. Leadership as a process of organizing interpersonal relationships in a group. Systems theory of leadership F. Fiedler. Leadership qualities of a teacher. Professionally significant personal qualities	The ability to reasonably choose and effectively use educational technologies, methods and means of training and education to ensure the planned level of personal and professional development of the student. ON3. To possess the methods of value attitude to pedagogical activity, the desire to master the pedagogical technologies. ON4. To possess the methods of value attitude to pedagogical activity, the desire to master the pedagogical technologies.
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Legal aspects of professional education	PAPO 6308	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	2	1	Pedagogics of higher school, Psychology of management	Master student's research work, including implementation of master's thesis, Research practice	Educational law. State policy in the field of education. Educational relationship. Legal regulation of labor relations in education. The legal framework of educational policy and regulation of the education management system in the Republic of Kazakhstan. Educational standards and educational programs: legal nature and legal status. Legal regulation of vocational education	Willingness to teach in basic educational programs of higher education
M008 - «Training of teachers of vocational education»	7M01401 - «Leadership in professional education»	Full-time (MS 2 years) trimester	Theory and practice of advanced learning	TPOO 6309	AS	Elective subjects	5.0	Master's program by specialization (Scientific & pedagogical direction)	Профессиональное образование	2	1	Pedagogics of higher school	Master student's research work, including implementation of master's thesis, Research practice	Principles of realization of the idea of democratization of education: self-organization of the educational activities of students and students; cooperation of learning and trainees; openness of vocational educational institutions; a variety of vocational education systems; regionalization of vocational education; equal opportunities; public administration. The development of the idea of advanced professional education as an enhancement of its influence on the development of the economy.	The system of training the leader in education, ensuring the readiness of students for innovation and advanced education, the harmonization of professional self-determination of students at all stages of the professional development of the individual. ON8. Organize effective innovation and investment activities in the agrotechnical complex.

The catalog of elective disciplines was reviewed and approved by the faculty council, protocol N 16 27.06 2022

Head of department

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