

B075 - «Cadastrе and land managemеnt»	6B07304 - «Land managemеnt»	Full-time (bachelor 4 years) 4 trimester	Soil science	Poch 1212	BS	E	5.0	Bachelor	Land managemеnt	1	2	geography, ecology	On-farm land management of agricultural formations, Planning of land use, Local land management	General diagram of the soil-forming process. Soil properties Morphological characteristics of soils. Soil composition. Soil organic matter. Soil properties. Principles of soil classification. Laws of geographical distribution of soils and their characteristics by zones. The concept of soil fertility. The problem of soil conservation. Soil maps and cartograms. Characteristics of economic plant species, indicator plants and geobotanical mapping	use knowledge of the theoretical foundations of land management when determining measures for the rational use of land; have the skills to develop, justify and implement land management projects from the point of view of economics, ecology, law and using scientific research and modeling methods.	Fundamentals of soil science and soil grading
B075 - «Cadastrе and land managemеnt»	6B07304 - «Land managemеnt»	Full-time (bachelor 4 years) 4 trimester	Fundamentals of soil science and soil grading	OPBP 1243	BS	E	5.0	Bachelor	Land managemеnt	1	2	geography, ecology	On-farm land management of agricultural formations, Planning of land use, Local land management	The concept of soil, its formation, properties, development and evolution, rational use and protection of soils. Basic principles of soil grading. Methodology for soil assessment in Kazakhstan and foreign countries. Soil assessment of agricultural enterprises. Application of soil grading results	use knowledge of the theoretical foundations of land management when determining measures for the rational use of land; have the skills to develop, justify and implement land management projects from the point of view of economics, ecology, law and using scientific research and modeling methods.	Soil science
B075 - «Cadastrе and land managemеnt»	6B07304 - «Land managemеnt»	Full-time (bachelor 4 years) 4 trimester	Land management graphics	ZG 2247	BS	E	5.0	Bachelor	Land managemеnt	2	3	Geodesy, Information and communication technologies	On-farm land management of agricultural formations, Inter-farm land management, Land allocation for non-agricultural purposes, Planning for the use of land resources	Basic symbols and designations used in the graphic design of land management projects; the main goals and principles of correct compositional interconnection for arranging the basic elements of a graphic document, theory on the system of preparing graphic materials using modern software products	possess the skills of carrying out engineering and geodetic activities for conducting surveys, surveys, establishing the boundaries of land plots and creating cartographic documentation using remote sensing and digital technologies. Use knowledge of the theoretical foundations of land management in determining measures for the rational use of land; have the skills to develop, justify and implement land management projects from the point of view of economics, ecology, law and using scientific research and modeling methods; possess the skills of using modern geographic information systems (GIS) and automated systems (CAD) when performing geodetic, cartographic, and design work; study scientific and technical information, and implement advanced domestic and foreign experience.	Agricultural reclamation

BO75 - «Cadastre and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Agricultural reclamation	SM 2242	BJL	E	5.0	Bachelor	Land management	2	3	Geodesy, Educational practice in geodesy	Inter-farm land management, Land allocation for non-agricultural purposes, Planning for the use of land resources	The concept of land reclamation. Types of land reclamation. Fundamentals of agricultural hydrology. Soil hydrology. Current state of irrigation in the Republic of Kazakhstan. Types of irrigation. Irrigation regime and its elements. Irrigation methods and techniques. A set of basic irrigation and drainage measures. Types of water supply. Economic efficiency of land reclamation	"the able to analyze environmental conditions and make decisions on the use of land resources based on an environmental position; draw up a landscape-ecological justification for land management projects; monitor the protection of land resources and preserve soil fertility; use knowledge of the theoretical foundations of land management when determining measures for the rational use of land; possess the skills of developing, justifying and implementing land management projects from the point of view of economics, ecology, law and using scientific research and modeling methods.	Land management graphics
BO75 - «Cadastre and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Ecology and life safety	EBZln 2126	OOJL	E	5.0	Bachelor	Ecology	2	1	Geography (secondary school program), biology (secondary school program)	Zonal features of land management, Land allocation for non-agricultural purposes, Industrial practice, Economics and management of land management	Fundamentals of ecology and a brief overview of its development. Ecosystem and environmental factors. Biosphere and modern noosphere. Global environmental problems of our time. Environmental protection and rational use of natural resources. Organizational foundations of life safety. Technosphere and industrial safety. Industrial and fire safety. Radiation and chemical safety. Emergency situations in peacetime and wartime.	"the able to analyze environmental conditions and make decisions on the use of land resources based on an environmental position; draw up a landscape-ecological justification for land management projects; monitor the protection of land resources and the preservation of soil fertility.	
BO75 - «Cadastre and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Fundamentals of anti-corruption culture	OAK 2119	GER	E	5.0	Bachelor	Economy	2	1	fundamentals of economics and law, philosophy	Business law, financial law, civil law	Theoretical and methodological foundations of the concept of "corruption" improving the socio-economic relations of Kazakhstan society as a condition for combating corruption Psychological Features of the nature of corrupt behavior Formation of an anti-corruption culture Features of the formation of an anti-corruption culture of youth Ethnic features of the formation of an anti-corruption culture Moral and ethical responsibility for corrupt acts in various fields. Legal liability for corruption offenses	use knowledge of the theoretical foundations of land management when determining measures for the rational use of land; have the skills to develop, justify and implement land management projects from the point of view of economics, ecology, law and using scientific research and modeling methods.	Ecology and life safety

B075 - «Cadastral and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Scientific Research Methods	MNI 2127	GER	E	5.0	Bachelor	Land management	2	1	school history of Kazakhstan course	theoretical foundations of land management	Methodology of scientific research. Basic methods of searching for information for scientific research. Stages of research work. Methods of theoretical and empirical research. Study and analysis of scientific and technical literature. Setting the goals and objectives of the study. Definition of the object and subject of research. Development of a research program. Selection of methods/procedures. research.	use economic knowledge in various fields of activity; determine the economic efficiency of land management actions when organizing work and justifying land management schemes and projects; apply knowledge of the technological fundamentals of organizing agricultural production in land management projects, focusing on the introduction of resource-saving technologies, preservation and reproduction of soil fertility.	Ecology and life safety
B075 - «Cadastral and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Innovative entrepreneurship	IP 2124	GER	E	5.0	Bachelor	Economy	2	1	Fundamental Economics and Law	Fundamentals of Agrubusiness and Entrepreneurship	Forming in students knowledge of fundamental concepts of innovative development, modern approaches to carrying out entrepreneurial activities in the field of new technologies to ensure the competitiveness of an innovative enterprise in the market. The economic essence of innovative entrepreneurship. Business planning. Venture Financing. Types of venture capital firms. Management of risks. Human resource management in innovation management. Innovation processes as a condition for economic growth	: использовать экономические знания в различных сферах деятельности; определить экономическую эффективность земельных действий при организации работ и обосновании схем и проектов землеустройства; применять знания технологических основ организации сельскохозяйственного производства в проектах землеустройства, ориентирясь на внедрение ресурсосберегающих технологий, сохранение и воспроизводство плодородия почв.	Ecology and life safety

BO75 - «Cadastrе and land management»	BB07304 - «land management»	Full-time (bachelor 4 years) trimester	Fundamentals of Economics and Law	OEP 2125	GER	E	5.0	Bachelor	Economy	2	1	Higher mathematics, philosophy, history of Kazakhstan	economists of entrepreneurship, business planning	Subject of economic theory and research methods. Fundamentals of social production and forms of social economy. The mechanism of functioning of the market system. Production, costs and firm income. National economy. Economic growth and stability of a market economy. Inflation and unemployment are a manifestation of economic instability. Financial and monetary system in the national economy and economic security. Fundamentals of the theory of state and law. Fundamentals of constitutional, administrative, civil, labor, family, criminal law.	использовать экономические знания в различных сферах деятельности, определять экономическую эффективность землеустроительных действий при организации работ и обосновании схем и проектов землеустроительных работ, осуществлять деятельность по управлению, планированию и организации землеустроительных и кадастровых работ на правовой основе; владеть технологией проведения землеустроительных работ; создавать землеустроительную документацию; формулировать и обосновывать суждения в ходе землеустроительного процесса, в том числе на иностранном языке	Ecology and life safety
BO75 - «Cadastrе and land management»	BB07304 - «land management»	Full-time (bachelor 4 years) trimester	Fundamentals of Agriculture and crop production	ZR 2202	GER	E	5	Bachelor	Agriculture and crop production	2	3	basics of landscape science, soil science	On-farm land management of agricultural formations, planning of land resource use	Понятие о почве и ее плодородии. Условия жизни растений, водные и воздушные свойства почвы. Основы обработки почвы. Технологические операции при обработке почвы. Научные основы севооборотов. Интенсивные технологии возделывания сельскохозяйственных культур. Обработка почв, подкормочных эрозий.	"be able to analyze environmental conditions and make decisions on the use of land resources based on an environmental position; draw up a landscape-ecological justification for land management projects; monitor the protection of land resources and the preservation of soil fertility; resource-saving technologies; conservation and reproduction of soil fertility; apply knowledge of technological fundamentals organizing agricultural production in land management projects, focusing on the introduction of resource-saving technologies, preservation and reproduction of soil fertility.	Fundamentals of agricultural production technology
BO75 - «Cadastrе and land management»	BB07304 - «land management»	Full-time (bachelor 4 years) trimester	Fundamentals of agricultural production technology	OTSP 2244	GER	E	5	Bachelor	Agriculture and crop production	2	3	basics of landscape science, soil science	On-farm land management of agricultural formations, planning of land resource use	Basic laws of agriculture and crop production and ways of their application in production conditions; characteristics of field crops, their morphological and biological characteristics; varietal diversity. Organization of production processes in field farming; use of agricultural machinery, chemical and agrochemical plant protection products; resource-saving and soil protection technologies in arable land.	"be able to analyze environmental conditions and make decisions on the use of land resources based on an environmental position; draw up a landscape-ecological justification for land management projects; monitor the protection of land resources and the preservation of soil fertility; resource-saving technologies; conservation and reproduction of soil fertility; apply knowledge of technological fundamentals organizing agricultural production in land management projects, focusing on the introduction of resource-saving technologies, preservation and reproduction of soil fertility.	Agriculture and crop production

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B075 - «Cadastral and land management»	6B07304 - «Land management»	Full-time (bachelor 4 years) trimester	Legal support for land management	POZ 4320	AS	E	5	Bachelor	Land management	4	7	Interfirm land management, theoretical foundations of land management	State control over the use and protection of land, Land law	Objectives, goals and principles of land legislation of the Republic of Kazakhstan. Sources of land law. History of legal regulation of land relations in the Republic of Kazakhstan. Land legal relations. State regulation of land use and protection. Land management production process. Its legal support. Objectives, goals and principles of land legislation of the Republic of Kazakhstan in the field of land management. Sources of land law. Legal regime of lands of all categories of land fund	Be able to apply the fundamentals and norms of legal regulation of land and property relations in land management, cadastral maintenance and state control over the use and protection of land. Be able to organize activities for management, planning and organization of land management work and master the technology for their implementation; create land management documentation; formulate and justify judgments during the land management process, including in a foreign language	Regulatory and legal support for land management