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Dean of the Faculty of Land Management, Architecture and Design

CATALOG OF ELECTIVE DISCIPLINES
For students in the field of study 6B073 Architecture and Construction
6B07303 - Cadastre

Brief description of elective disciplines of the educational program

GOP	OP	Form of study	Name of discipline	Discipline code	Cycle of discipline	Component of choice	Amount of credits	Level of training	Department	Well	Academic period	Prerequisites	Post-requisites	Summary of the discipline	Learning outcomes	Name of alternative discipline
B075 – Cadastre and land management	6B07303 - Cadastre	Full-time (bachelor 4 years) semesters	Fundamentals of anti-corruption culture	OAK 2122	OOD	Component of choice	5	Bachelor	economy	2	2	Cultural studies and psychology. Political science and sociology. Philosophy. History of Kazakhstan.	Organization of land management and cadastral works. Property valuation. Fundamentals of scientific research in cadastre. Use of land cadastral information. Land law.	The course forms a system of knowledge on combating corruption, and on this basis developing a civic position in relation to this phenomenon. As a result of mastering the discipline, students will be able to: navigate the legislation; analyze and apply regulations in specific situations, follow moral and legal standards, express and justify your own point of view on issues of anti-corruption culture.	skills of honesty, transparency and ethics, able to make ethical decisions and develop critical thinking, create new ideas, products and services, able to manage risks, the importance of preserving the environment and ensuring the safety of people, understands the basic principles of the functioning of the economy and the legal system, evaluating results and drawing conclusions based on facts.	Innovative entrepreneurship. Fundamentals of economics and law. Methods of scientific research.
B075 – Cadastre and land management	6B07303 - Cadastre	Full-time (bachelor 4 years) semesters	Innovative entrepreneurship	IP 2117	OOD	Component of choice	5	Bachelor	economy	2	2	Cultural studies and psychology. Political science and sociology. Philosophy. History of Kazakhstan.	Organization of land management and cadastral works. Property valuation. Fundamentals of scientific research in cadastre. Use of land cadastral information. Land law.	To develop in students knowledge of the fundamental concepts of innovative development, modern approaches to entrepreneurial activity in the field of new technologies to ensure the competitiveness of an innovative enterprise in the market. Understand the economics of innovative entrepreneurship, business planning, venture financing and know the types of venture capital firms.	skills of honesty, transparency and ethics, able to make ethical decisions and develop critical thinking, create new ideas, products and services, able to manage risks, the importance of preserving the environment and ensuring the safety of people, understands the basic principles of the functioning of the economy and the legal system, evaluating results and drawing conclusions based on facts.	Fundamentals of anti-corruption culture. Ecology and life safety. Fundamentals of economics and law. Methods of scientific research
B075 – Cadastre and land management	6B07303 - Cadastre	Full-time (bachelor 4 years) semesters	Ecology and life safety	EBZh 2128	OOD	Component of choice	5	Bachelor	Standardization and metrology certification	2	2	Cultural studies and psychology. Political science and sociology. Philosophy. History of Kazakhstan.	Organization of land management and cadastral works. Property valuation. Fundamentals of scientific research in cadastre. Use of land cadastral information. Land law.	The discipline studies the patterns of interaction between organisms and their habitats, the laws of development and existence of biogeocenoses as complexes of interacting living and nonliving components in various parts of the biosphere, issues of preserving human health and life in the technosphere, protection from dangers of technogenic and natural origin and creating comfortable living conditions.	skills of honesty, transparency and ethics, able to make ethical decisions and develop critical thinking, create new ideas, products and services, able to manage risks, the importance of preserving the environment and ensuring the safety of people, understands the basic principles of the functioning of the economy and the legal system, evaluating results and drawing conclusions based on facts.	Fundamentals of anti-corruption culture. Innovative entrepreneurship Fundamentals of economics and law. Methods of scientific research.
B075 – Cadastre and land management	6B07303 - Cadastre	Full-time (bachelor 4 years) semesters	Fundamentals of Economics and Law	OEP 2126	OOD	Component of choice	5	Bachelor	economy	2	2	Cultural studies and psychology. Political science and sociology. Philosophy. History of Kazakhstan.	Organization of land management and cadastral works. Property valuation. Fundamentals of scientific research in cadastre. Use of land cadastral information. Land law.	The discipline promotes knowledge of the subject of economic theory and research methods, the foundations of social production and forms of social economy, the mechanism of functioning of the market system, production, costs and income of a company, and the national economy. To acquire knowledge about the fundamentals of the theory of state and law, the fundamentals of constitutional, administrative, civil, labor, family, and criminal law.	skills of honesty, transparency and ethics, able to make ethical decisions and develop critical thinking, create new ideas, products and services, able to manage risks, the importance of preserving the environment and ensuring the safety of people, understands the basic principles of the functioning of the economy and the legal system, evaluating results and drawing conclusions based on facts.	Fundamentals of anti-corruption culture. Innovative entrepreneurship Ecology and life safety. Methods of scientific research.

6B07303 - Cadastr and land managem ent	Full-time (bachelor 4 years) semesters	Scientific Research Methods	MNI 2127	OOD	Component of choice	5	Bachelor	cadastre	2	2	Cultural studies and psychology. Political science and sociology. Philosophy. History of Kazakhstan.	Organization of land management and cadastral works. Property valuation. Fundamentals of scientific research in cadastre. Use of land cadastral information. Land law.	Statement of a scientific problem based on revealing the contradictions between the currently available knowledge about the object of research and the knowledge necessary for the practical solution of a problem demanded by society. Selection of the topic and scientific justification of its relevance for practical application. Formulation of a hypothesis, development of a scientific research plan. Methods of theoretical, experimental research and presentation of scientific results.	skills of honesty, transparency and ethics, able to make ethical decisions and develop critical thinking, create new ideas, products and services, able to manage risks, the importance of preserving the environment and ensuring the safety of people, understands the basic principles of the functioning of the economy and the legal system, evaluating results and drawing conclusions based on facts.	Fundamentals of anti- corruption culture. Innovative entrepreneurship Ecology and life safety Fundamentals of economics and law.
6B07303 - Cadastr and land managem ent	Full-time (bachelor 4 years) semesters	Agriculture	Zem 1253	DB	Component of choice	5	Bachelor	Agriculture	1	1	school course of geography, biology	Soil grading. Land monitoring. Natural resources cadastre	The discipline studies the laws of agriculture, ways to increase soil fertility, optimization of agricultural regimes, scientific foundations of crop rotation, classification, zonal features, introduction and development of crop rotations, scientific foundations of soil cultivation, zonal features of soil cultivation, agrotechnical assessment of the quality of soil cultivation.	Know the theoretical foundations of cadastre and land management, composition, properties and classification of the main types of soils, scientific foundations of crop rotation, morphological and biological features and agricultural technology for cultivating agricultural crops.	Soil science
6B07303 - Cadastr and land managem ent	Full-time (bachelor 4 years) semesters	Soil science	Poch 1247	DB	Component of choice	5	Bachelor	Soil Science	1	1	school course of geography, biology	Soil grading. Land monitoring. Natural resources cadastre	Studying this discipline will allow you to master theoretical knowledge and practical skills in the following sections: structure, mineralogical and chemical composition of the earth's crust, factors and processes of soil formation, origin, composition of the mineral and organic part of the soil, physical and chemical properties of the soil, genesis and classification of soils, soil erosion, methods for assessing soil fertility and its reproduction, optimal fertility parameters and soil properties for obtaining sustainable crop yields in various zones of the country.	Know the theoretical foundations of cadastre and land management, composition, properties and classification of the main types of soils, scientific foundations of crop rotation, morphological and biological features and agricultural technology for cultivating agricultural crops.	Agriculture

Head of the department "Cadastr"

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