

# Bachelor's directions

## **60810100 -Mechanization of agriculture**

60810100- Directions-Agricultural mechanization – educational direction in the field of mechanization of agricultural production, which is the use of modern resource-saving mechanized technologies and technical means in the production and cultivation of agricultural products with the efficient use of land, water and material and technical resources, it includes a set of methods and tools for choosing the optimal type of agricultural machines taking into account technological processes, agrotechnical measures and working conditions and their rational use, rational use of agricultural machinery in professional activities. 60810100- Subjects of professional activity of bachelors in agricultural mechanization: mechanized production processes and mechanized technologies in agriculture, as well as agricultural machines, machinery, tools and equipment used in them; research and educational processes in the direction of agricultural mechanization, management systems for enterprises and organizations of the agro-industrial complex.

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## **60112400- Vocational education (agricultural mechanization)**

60112400- Vocational education (agricultural mechanization) - processes of mechanization of agricultural production, rational use of technologies and technical means, organization of maintenance and repair processes, as well as a set of means, methods, methods and methods of human activity focused on professional skills, organization of the system process vocational education, covers a set of means, methods, techniques and methods of the educational process, focused on professional skills associated with the production and solution of complex problems. The development of the process of teaching vocational education in the educational direction of the above areas of professional activity, the levels of professional training, pedagogical and technological training of a vocational education teacher, the ability to use technical technologies and means, acquire professional skills related to the organization, design, control, production and pedagogical issues of production processes in vocational education, as well as educational means, methods, styles, forms and engage in professional activities, for example, actively participate in the processes of organizing principles.

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## **60810300- Technical service in agriculture and water management**

60810300 – Technical service in agriculture and water management – direction in the field of science, production and service, service processes, technologies and technical means of agricultural and reclamation equipment, their effective use, maintenance, includes a set of complex issues related to tools, methods and methods of human activity in organizing logistics processes in maintenance . 60810300- Technical service in agriculture and water management, equipment and tools for agricultural and land reclamation equipment on the basis of a bachelor's degree in technical service in agriculture and water management; methods, tools and equipment for testing machines and equipment; logistics processes in the maintenance system; activities and processes of maintenance enterprises; formation and verification of technological processes; analysis and synthesis of design processes, maintenance, repair and restoration of parts; Use of automation tools, microprocessor and computer equipment and programming in the maintenance system; use of software, information and communication technologies; is engaged in professional activities, such as regular improvement of methods, means and forms of professional teacher education in pedagogical activity.

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### **60810400 - Application of innovative techniques and technologies in agriculture**

60810400 - Application of innovative methods and technologies in agriculture, direction in the field of production and service, the use of resource-saving technological processes with high productivity, innovative methods and technologies in agriculture, testing, verification, analysis, design, includes a set of complex issues related to the means, methods and methods of human activity in organizing such processes as application to production. 60810400- Application of innovative methods and technologies in agriculture, innovative techniques and technologies with high productivity in agricultural production on the basis of a bachelor's degree in the field of application of innovative techniques and technologies in agriculture; processes for the effective use of machinery and equipment in the application of innovative equipment and technologies; testing, verification, analysis, design and application of innovative methods and technologies in production, creation and programming of automated devices, microprocessor and computer equipment in the system of application of innovative equipment and technologies; is engaged in professional activities, such as the use of software, information and communication technologies, as well as the regular improvement of methods, means and forms of pedagogy of vocational education in pedagogical activities.

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### **60811300 - Technology of storage and primary processing of agricultural products (by types of products)**

60811300- Technology of storage and primary processing of agricultural products (by product type) - direction in the field of science and agriculture, this direction involves the efficient use of land, water, air, energy and material and technical resources, the storage of agricultural products, in particular fruits, vegetables and grape products, and the initial one includes a set of techniques and methods for the rational use rural infrastructure facilities and technical means in labor processes.

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### **60711300 - Metrology, standardization and product quality management (by industry)**

60711300 - Metrology, standardization and product quality management (by industry) higher education - education in the field of science, technology and education, providing and evaluating academic subjects, means, methods and techniques of pedagogical activity, as well as the quality of products, includes metrological support, standardization, certification, implementation of a quality system for production, metrological services at enterprises, organization of quality control, examination, use of a set of issues related to production in pedagogical activities.

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