

Abstract of compulsory educational component

Name of the discipline	ORGANIZATION AND MANAGEMENT OF TECHNOLOGICAL PROCESSES ON MODERN LIVESTOCK FARMS
Lecturer	Borshch Oleksandr Vasyliovych PhD agricultural sciences, associate professor, Department of Milk and Meat Production Technology
Course and semester in which it is planned to study the discipline	Master's level of higher education, 3rd semester
Faculties whose students are invited to study the discipline	Biological-technological faculty
A list of competences and relevant learning results provided by the discipline	<p>According to the requirements of the educational and professional program "Technology of production and processing of livestock products", applicants must acquire the ability to acquire the following competencies:</p> <p>GC 1. Ability to abstract thinking, analysis and synthesis. GC 2. Ability to conduct research at the appropriate level. PC 4. Ability to model and design technological processes of production and processing of products of animal origin. PC 5. Ability to organize business and financial activities and evaluate the economic efficiency of production and processing of products of animal origin. PC 6. The ability to practically manage working or educational processes in the field of production and processing of animal products, which are complex, unpredictable and require new strategic approaches. PC 7. Ability to create and apply systems and methods of processing products of animal origin.</p> <p>The result of studying the discipline is the acquisition by students of the following knowledge and skills:</p> <ul style="list-style-type: none"> - to develop, implement and modernize effective technologies and processes in the field of production and processing of livestock products (to be able to evaluate and analyze the quantitative and qualitative indicators of milk and meat and other products produced on farms and sold for processing); - to carry out research and/or carry out innovative activities in order to obtain new knowledge and create new technologies and products in the field of animal husbandry and in wider multidisciplinary contexts (to be able to apply innovative technological elements in order to create new technologies and modernize existing farms); - to apply modern mathematical methods, information technologies and specialized software for research and development in the field of technologies for production and processing of livestock products (to apply modern mathematical methods, information technologies and specialized software for research and development in the field of technologies for production and processing of livestock products); - to search for necessary data in scientific literature, databases and other sources, analyze and evaluate these data (to be able to use scientific and metric databases for searching, evaluating and analyzing literary sources); - to carry out management in the field of complex activities of production and processing of livestock products, determine goals and objectives, plan and distribute work, manage resources (to be able to determine the goals and objectives of enterprises, organize the

	correct implementation of TP on livestock farms and effectively manage them in order to obtain the maximum amount high-quality products with minimal costs for production and sale).
Description of the discipline	
Previous conditions which are necessary for the study of the discipline	The compulsory educational component "Organization and management of technological processes on modern livestock farms" is based on the knowledge of such disciplines as "Milk and beef production technology", "Horse breeding", "Animal reproduction technology", "Animal breeding", "Animal feeding", "Production technology of small cattle", "Production technology of pig farming", "Technology of production of poultry products", studied in previous courses.
The maximum number of students who can study at the same time	75 students
Classroom topics	<p>Topics of lectures</p> <ol style="list-style-type: none"> 1. Meaning and methods of organization and management of technological processes on modern farms. 2. Technological processes and operations on modern livestock farms. 3. Tasks for the development of the livestock industry. 4. Methods and principles of organization and management of modern farms. 5. Management of feeding, maintenance, reproduction and formation of highly productive herds. 6. Organization of livestock breeders' work. Development of optimal work regimes and personnel management on farms. 7. Management of technological processes at livestock enterprises. 8. ACS on modern livestock farms. <p>Topics of practical classes</p> <ol style="list-style-type: none"> 1. Determination and calculations of the main indicators of farm activity. 2. Basic and auxiliary technological processes and operations on modern livestock farms. 3. Rules for setting farm goals and objectives. 4. Monitoring of personnel activities, their training, control indicators. 5. Optimizing management of feeding, maintenance, reproduction and formation of highly productive herds. 6. Development of optimal technological and operational maps of personnel management. 7. Development and improvement of methods of managing technological processes at livestock enterprises. 8. Determination and calculation of ACS for modern livestock farms.
Language of teaching	Ukrainian