

Annotation of compulsory educational component

Subject	Organization and management of technological processes on modern livestock farms
Lecturer	Borsch Alexander Candidate of agricultural sciences, Associate Professor of the Department of Milk and Meat Production Technology
Course and semester in which it is planned to study the discipline	5th year, 8th semester
Faculties whose postgraduates are invited to study the discipline	Biology and Technology 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 have to acquire the ability to acquire the following competencies:</p> <p>GC 01 Ability to think abstractly, analyze and synthesize. GC 03 Ability to learn and master modern knowledge. GC 06. Aspiration to preserve the environment.</p> <p>PC 3. The ability to apply basic knowledge of the organization of technological processes in the production and processing of stockbreeding products.</p> <p>PC 10. Ability to characterize biological and technological processes using specialized software tools;</p> <p>PC 11. The ability to draw up a business plan of an enterprise for the production of livestock products, to forecast the market environment for livestock products.</p> <p>The result of learning this discipline is the acquisition by a higher education students of such knowledge and skills:</p> <ul style="list-style-type: none"> - Know the biological characteristics of livestock related to their maintenance, care, feeding, reproduction, use. - Know the technological solutions of premises and facilities for the maintenance of livestock. - Know the technological processes and operations in animal husbandry. - Know the conditions and rules for raising animals. - To study the methods and principles of labor organization in animal husbandry. - Be able to evaluate the exterior, productive and breeding value of livestock. - To know modern methods of management of technological processes and personnel of farms. - Be able to plan the development of the industry. - Be able to use the best practices of domestic and foreign science and practice. - Be able to choose and apply automated control systems in the production of livestock products.

Description of the discipline	
Previous conditions which are necessary for the study of the discipline	The main academic discipline "Organization and management of technological processes on modern livestock farms" is based on the knowledge of such disciplines as "Technology of milk and beef production", "Horse breeding", "Technology of animal reproduction", "Cultivation of agricultural animals", "Feeding agricultural animals", "Technology of production of DOF products", "Technology of production of pig products", "Technology of production of poultry products" studied in previous courses.
The maximum number of graduate students who can study at the same time	30 students
Classroom topics	<p><i>Content module 1. Technological processes and operations in animal husbandry. The role of organization and management of technological actions in the production of products. Livestock industry development programs</i></p> <p>Topic 1.1. Meanings and ways of organizing and managing technological processes on modern farms Topic 1.2. Technological processes and operations on modern livestock farms Topic 1.3. Programs, plans and objectives for the development of the livestock industry Topic 1.4. Methods and principles of organization and management of modern farms</p> <p><i>Content module 2. Organization and management of technological processes on modern farms</i></p> <p>Topic 2.1. Management of feeding, housing, reproduction and formation of high-performance herds Topic 2.2. Organization of work of livestock breeders. Development of optimal work regimes and personnel management on farms Topic 2.3. Process control in livestock enterprises Topic 2.4. ACS on modern livestock farms</p>
Language of teaching	Ukrainian