

Annotation of the optional educational component

Subject	ORGANIZATION AND MANAGEMENT OF BEEF PRODUCTION ON MODERN FARMS
Lecturer	Borshch Oleksandr Doctor 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	Master's level of higher education, 3rd semester
Faculties whose postgraduates 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 animal husbandry products", applicants must acquire the ability to acquire the following competencies:</p> <p>GC 1. Ability to abstract thinking, analysis and synthesis;</p> <p>GC 2. Skills in using information and communication technologies.</p> <p>GC 4. Ability to search, process and analyze information received from various sources.</p> <p>PC 2. The ability to develop, organize and carry out measures to increase the productivity of animals, control the safety and quality of products, their processing and production efficiency.</p> <p>PC 4. Ability to model and design technological processes of production and processing of products of animal origin.</p> <p>PC 5. Ability to organize business and financial activities and evaluate the economic efficiency of production and processing of products of animal origin; business plan of an enterprise for the production of livestock products, forecast the market environment of livestock products.</p> <p>PC 6. The ability to practically manage working or educational processes in the field of production and processing of products of animal origin, which are complex, unpredictable and require new strategic approaches.</p> <p>PC 10. The ability to clearly and unambiguously convey one's own knowledge, conclusions and arguments to specialists and non-specialists, in particular, persons who are studying.</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 develop, implement and modernize effective technologies for beef production on modern farms); - to search for the necessary data in scientific literature, databases and other sources, analyze and evaluate these data (to be able to use the

	<p>best experience of Ukrainian and foreign science and practice in effective beef production);</p> <ul style="list-style-type: none"> - to build and research models of technological processes of production and processing of livestock products, evaluate their adequacy, determine limits of applicability (to be able to model the technological process of beef production on a specific livestock farm); - to make effective decisions on the production and processing of livestock products, forecast their development, determine factors affecting the achievement of set goals, analyze and compare alternatives, assess risks and likely consequences of decisions (to know the basics of management and marketing in cattle breeding and be able to use them for effective beef production); - to be responsible for the development of professional knowledge and practices, evaluation of the strategic development of the team, formation of an effective personnel policy (to be able to form a team of high-class specialists and effectively manage personnel in the beef production process).
Description of the discipline	
Previous conditions which are necessary for the study of the discipline	The selective educational discipline "Organization and management of beef production on modern farms" is based on the knowledge of such disciplines as "Modeling of technological processes in animal husbandry", "Feeding of high-productive farm animals", "Biology of farm animal productivity", "Technology of milk and beef production", studied in previous courses.
The maximum number of graduate students who can study at the same time	20 students
Classroom topics	<p>Lectures</p> <ol style="list-style-type: none"> 1. System concept of production organization. 2. Agricultural production management system. 3. Methodological foundations of the organization of the technological process of beef production and its management in dairy farming. 4. Methodological foundations of the organization of the technological process of beef production and its management in cattle breeding. 5. Management of beef quality and competitiveness. 6. Integration in the production and processing of cattle meat. 7. Ways of improving the organization and management of beef production in agricultural enterprises. 8. Innovative technologies of beef production and their management in farms of Ukraine. <p>Practical classes</p> <ol style="list-style-type: none"> 1. Organizational structure of agricultural enterprises. 2. A systematic approach to production management. 3. Planning and organization of the technological process of growing young cattle for meat in farms of various sizes

	<p>4. Development of a growth program for young animals. Calculation of herd structure and average annual population.</p> <p>5. Determining the need for feed and consumption of feed nutrients for planned beef production.</p> <p>6. Peculiarities of the organization and management of beef production in a large multi-industry farm.</p> <p>7. Peculiarities of the organization and management of beef production in farms and peasant (individual) farms.</p> <p>8. Development and implementation of a business plan for a beef production enterprise.</p> <p>9. Market analysis. Product description. Marketing and organizational strategy. Production and financial plan.</p>
<p>Language of teaching</p>	<p>Ukrainian</p>