

Annotation of the optional educational component

Title of discipline	Laboratory practice in animal husbandry
Teacher	Bilkevych Vita Candidate of agricultural sciences (PhD) Associate Professor of the Department of technology poultry and pigs production
Year of study, semester	the 3th year, the 5th semester
Faculties whose students are invited to study discipline	Biologo-technological
List of competencies and learning outcomes providing 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>GC3. The ability to apply knowledge in practical situations;</p> <p>GC 7. The ability to evaluate and ensure the quality of the work performed.</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 know international and national practices in professional activity. Determine ways of searching, processing and summarizing information. - to know the methodology of organizing and conducting scientific research, methods of determining the effectiveness and expediency of scientific research. - to be able to apply the methods of conducting scientific and economic experiments on various types of rural areas. Animals. - to know the history of research development in animal husbandry. - to know the order of preparation of individual scientific works. - to be able to select and analyze the necessary information on a scientific problem, form the purpose of the research, draw up the methodology of the experiment, carry out its preparation and conduct, subject its results to statistical processing, calculate the economic efficiency of the proposed project, prepare conclusions, draw up a report, a report, (write an article) according to the results of scientific research
Discipline description	

<p>Preconditions necessary for the study of discipline</p>	<p>The selective educational component "Laboratory practicum in animal husbandry" is based on the knowledge of such disciplines as "Genetics with biometrics", "Higher mathematics", "Feeding of rural areas". animals", "Breeding rural-urban animals" studied in previous courses.</p>
<p>Maximum number of students who can study simultaneously</p>	<p>25 students</p>
<p>Topics of classroom lessons</p>	<p>Content module 1. Basic methods of biological research Topic 1.1. Laboratory practice in animal husbandry. Science and the history of its development. Topic 1.2. The procedure for carrying out scientific research. Topic 1.3. Methodology and schemes of conducting experiments on various types of rural and urban areas. animals Topic 1.4. Methodology of preparation and design of master's work. Topic 1.5. Procedure for preparation of individual scientific papers. Topic 1.6. Peculiarities of conducting scientific and economic experiments on adult horses (mares). Topic 1.7. Peculiarities of conducting scientific and economic experiments on agricultural poultry</p> <p>Content module 2 Systematization, biometric processing and analysis of research results. Topic 2.1. Basics of variational statistics. Topic 2.2. Fundamentals of patenting and protection of inventions and discoveries. Topic 2.3. Statistical processing of a large sample using the conditional mean (method of products). Topic 2.4. Use of microprocessor technology to determine statistical parameters of the variation series Topic 2.5. Registration of intellectual property rights. Topic 2.6. Organization of patent information. Inventor's rights and employer's rights. Topic 2.7. Selection and justification of the topic of scientific research.</p>
<p>Language of teaching</p>	<p>Ukrainian</p>