

Annotation of compulsory educational component

Subjects	Production technology of pig farming products
Teacher	Fesenko Vasyl Fedorovych candidate of agricultural sciences, associate professor of the department of production technology of poultry and pig breeding products
The course and semester in which the study of the discipline is planned	4th year, 1-2 semester
Faculties whose students are offered to study the discipline	Biological and technological faculty
List of competencies and relevant learning outcomes 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 style="padding-left: 40px;">GC 3. Ability to apply knowledge in practical situations.</p> <p style="padding-left: 40px;">GC 4. Knowledge and understanding of the subject area and understanding of professional activity.</p> <p style="padding-left: 40px;">GC 7. Ability to evaluate and ensure the quality of work performed.</p> <p style="padding-left: 40px;">PC 1. The ability to use modern knowledge about modern technologies for the production of pork for effective professional activity in the field of animal husbandry.</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"> - Fulfill the parameters and control the technological processes of production and processing of livestock products on the basis of the developed cyclogram of the movement of all production groups of pigs. - Be able to show knowledge and understanding of the subject area and understanding of the profession in order to train employees of the enterprise. - Be able to develop the technological parameters of the work of a pig-breeding enterprise according to the principle of industrial technology. - Be able to calculate the need of a pig-breeding enterprise for production facilities, feed machines, sown areas for fodder crops. - Follow the principles of professional communication; cooperate in a team. - Evaluate the systems and methods of keeping different age groups of pigs. - To carry out calculations of technological operations for reproduction, receiving farrowing, rearing suckling pigs,

	<p>rearing and fattening young animals.</p> <ul style="list-style-type: none"> - Develop technological maps for the production of pig products. - Know the fatness categories of pigs according to GOST "Pigs for slaughter". - Be able to determine the slaughter weight, slaughter yield for pigs of different fatness categories. - Know the feeding norms of all age groups of pigs. - Be able to make recipes for compound feed for different age groups of pigs. - To ensure the acquisition of a herd of pigs with high-performance replacement pigs and producers. - Calculate the effectiveness of the introduction of industrial technology for the production of pork on the farm. - Be able to determine the yield of pig slaughter products. - Evaluate the exterior of pigs according to domestic and international methods. - Know the features of conducting control rearing and control fattening of pigs. - To know the current trends in the introduction of innovative technologies for the production of pork in Ukraine and the world.
Description of the discipline	
<p>Prerequisites necessary for studying the discipline</p> <p>The maximum number of students who can study at the same time</p> <p>Subjects of classroom classes</p>	<p>The obligatory academic discipline “Technology of production of pig farming products” is based on the knowledge of such disciplines as “Morphology of agricultural animals”, “Cultivation of agricultural animals”, “Genetics with biometrics”, “Technology of animal reproduction”, “Feeding agricultural animals”, “Hygiene and Animal Welfare”, “Prevention of Animal Diseases”, “Technological Equipment of Processing Enterprises” and “Economics and Management of Enterprises” studied in previous courses.</p> <p>25 students</p> <p style="text-align: center;">Content module 1. The main directions of the development of pig farming, theoretical foundations of the constitution, exterior, interior of pigs, biological value of pork</p> <p>Topic 1.1. The state and main directions of the development of pig farming in Ukraine and other regions of the world</p> <p>Topic 1.2. Constitution, exterior, interior of pigs, their</p>

<p>Language of teaching</p>	<p>relationship with productivity Topic 1.3. Biological value of pork</p> <p>Content module 2. Biological and economic features of pigs, types of pig farms</p> <p>Тема 2.1. Біологічні і господарські особливості свиней врахування їх змін при переводі на промислову технологію виробництва свинини Topic 2.2. Productivity potential of pigs of cultural breeds Topic 2.3. Types of pig farms and herd organization with year-round uniform production of pork</p> <p>Content module 3. Origin, breeds and breed types of pigs, biological bases of pig reproduction</p> <p>Topic 3.1 Origin, breeds and breed types of pigs Topic 3.2 Stages of formation of modern factory breeds. Pedigree test Topic 3.3 Biological basis of pig reproduction</p> <p>Content module 4. Technological aspects of pig reproduction Topic 4.1 Intensive use of sows and increasing their fertility Topic 4.2 Growth and development of embryos Topic 4.3 Technology of farrowing, feeding and maintenance of suckling sows and suckling piglets.</p> <p>Content module 5. Technology of growing and fattening young animals.</p> <p>Topic 5.1 Technology of rearing piglets after weaning and repair young Topic 5.2 Main factors that determine success, fattening technology, quality of pork sold to the public</p> <p>Content module 6. Tasks and methods of tribal work in pig farms Topic 6.1 Theoretical foundations of pig breeding Topic 6.2 Organization of breeding work in farms of various types</p> <p>Ukrainian, English</p>
------------------------------------	---