

## Annotation of the optional educational component

<b>The name of the discipline</b>	<b>Manufacture technology of rabbit and animal breeding production</b>
<b>Lecturer</b>	Lastovska Iryna Oleksandrivna Candidate of Agricultural Sciences, Associate Professor of the Department of Technology of Milk and Meat Production
<b>Course and semester, which is planned to study the discipline</b>	3 course, 6 semester
<b>The faculties and students which are invited to study the discipline</b>	The Faculty of Biology and Technology
<b>List of competencies and related outcomes of learning that the discipline provides</b>	<p>According to the requirements of the educational-professional program "Technology of production and processing of livestock products" applicants must acquire the ability to obtain 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;">PC 1. The ability to use professional knowledge in the field of production and processing of livestock products for effective business management.</p> <p style="padding-left: 40px;">PC 2. Ability to use modern knowledge about methods of reproduction, patterns of individual development and breeding of animals for effective professional activity in the field of animal husbandry.</p> <p style="padding-left: 40px;">PC 4. Ability to prepare rations for different species and sex-age groups of animals and organize their standardized feeding, taking into account available financial and resource limitations.</p> <p style="padding-left: 40px;">PC 5. The ability to apply appropriate systems and methods of keeping farm animals and control and optimize the microclimate of technological premises.</p> <p>The result of studying the discipline is the students' acquisition of such knowledge and skills:</p> <ul style="list-style-type: none"> <li>-Have specialized knowledge of the production technology of rabbit breeding and animal husbandry products.</li> <li>-Determine the live weight of rabbits and animals; keep breeding and zootechnical records. Plan insemination and breeding/puppies of the mother stock. Keep records of the movement of livestock at the enterprise. To cull animals and complete production groups. Organize the transportation and delivery of livestock to processing enterprises according to the relevant requirements of the standards. Provide parameters and control technological processes for the production of rabbit meat and skins.</li> <li>-Know the methods of evaluating performance quality indicators.</li> <li>-Be able to ensure quality performance of work. Establish relationships to ensure quality performance of work.</li> <li>-Have specialized knowledge about various systems and ways of keeping rabbits and animals, parameters of the microclimate of technological premises.</li> <li>-Determine the temperature of the air and enclosing</li> </ul>

	<p>structures, humidity and speed of air movement, atmospheric pressure, the content of mechanical impurities and microorganisms in the air, natural and artificial lighting of the premises, the presence and amount of harmful gases in the air.</p> <p>-Control the course of the technological process under different systems and methods of keeping rabbits and animals of different age and production groups; provide parameters of the optimal microclimate of the premises.</p> <p>-Have specialized knowledge to ensure the parameters and control the course of technological processes for the production of products of rabbit breeding and animal husbandry.</p> <p>-To implement and use in practice modern science-based production technologies of rabbit breeding and animal husbandry products in order to fulfill quantitative and qualitative indicators of production.</p> <p>-To be able to solve complex tasks and problems that arise in professional activity.</p> <p>-To control the course of technological processes of production and processing of products of rabbit breeding and animal husbandry in order to fulfill the quantitative and qualitative indicators of production.</p>
<b>Description of the discipline</b>	
<p><b>Preconditions necessary for the study of the discipline</b></p> <p><b>Maximum number of students who can simultaneously study</b></p> <p><b>Topics of classroom lessons</b></p>	<p>Compulsory educational component « <b>Manufacture technology of rabbit and animal breeding production</b> » is based on knowledge of such disciplines as «Morphology of farm animals», «Genetics with biometry», «Animal breeding» "Technology of reproduction of animals", "Feeding of agricultural animals", "Production, storage and quality control of fodder and feed additives", "Hygiene and welfare of animals", "Economics and management of enterprises" studied in previous courses.</p> <p>25 students</p> <p><b>Topics of lectures</b></p> <ol style="list-style-type: none"> <li>1. Characteristics of rabbit breeding as a branch of productive animal husbandry. Origin and biological features of rabbits.</li> <li>2. Breeding, reproduction and breeding of rabbits.</li> <li>3. Systems and methods of keeping and technology of feeding rabbits.</li> <li>4. Technology of meat and skin and down rabbit breeding. Intensive rabbit meat production technology.</li> <li>5. Organization of work in rabbit breeding and prevention of rabbit diseases.</li> <li>6. Fur-breeding facilities, breeding work and section of fur-bearing animals</li> <li>7. Technology of keeping fur-bearing animals. Basic feed and technology of feeding fur animals.</li> <li>8. Technology of breeding predatory fur animals. Common diseases of fur-bearing animals-rodents.</li> </ol> <p><b>Themes of practical classes</b></p> <ol style="list-style-type: none"> <li>1. Body structure, exterior and constitution of rabbits.</li> <li>2. Biological features of rabbits</li> <li>3. Economic and biological characteristics of rabbits, accounting for their growth</li> </ol>

	<ol style="list-style-type: none"> <li>4. Breeds of rabbits in Ukraine.</li> <li>5. Zootechnical and breed accounting in rabbit breeding and animal husbandry</li> <li>6. Bonification of rabbits.</li> <li>7. Morphological structure of skin-hair cover and molting of rabbits and animals.</li> <li>8. Calculation of the main parameters of an industrial-type crawler farm. Technology of keeping and growing rabbits on an industrial rabbit farm.</li> <li>9. Determining the annual need for fodder.</li> <li>10. Diseases of rabbits and general zootechnical and hygiene-prophylactic measures on the rabbit farm.</li> <li>11. Biological features of predators and rodents.</li> <li>12. Breeds, breed groups and color forms of animals.</li> <li>13. Valuation of fur animals according to the current instructions.</li> <li>14. Development of animal husbandry technology.</li> <li>15. Breeding and feeding of fur animals.</li> <li>16. Regularity of cage animals change of coat and assessment of fur skins quality.</li> </ol> <p><b>Language of teaching</b> Ukrainian</p>
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