

**Annotation of elective educational component  
«Animal feeding in organic production»**

<b>Academic discipline</b>	<b>Animal feeding in organic production</b>
<b>Tutor</b>	Babenko Serhii Petrovych PhD agricultural sciences, associate professor, department of technology of feed, feed additives and feeding of animals
<b>Courses and semesters, when the discipline is planning to study</b>	1 course (master degree), 2 semester
<b>Faculties whose students are invited to study discipline</b>	Biological-technological faculty
<b>List of competencies and learning-related outcomes that discipline provides</b>	<p>According to the requirements of the educational-professional program "Technology of production and processing of livestock products" applicants should acquire the ability to obtain the following competencies:</p> <p>GC 1 (general competence). Ability to abstract thinking, analysis and synthesis.</p> <p>GC 2. Skills in using information and communication technologies.</p> <p>PC 1 (professional competence). Ability to analyze and control the safety and quality of feed and feed products and animal nutrition.</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 to people 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"> <li>- to evaluate and ensure the quality and safety of production technologies of livestock products, feed and feed products, levels of animal nutrition and products of animal origin (to know the rules for the production of feed for organic livestock farming; to prepare complete ration mixtures for feeding cattle in the organic production system; to prepare complete ration mixtures for feed sheep and goats in the system of organic production; to make complete ration mixtures for feeding pigs in the system of organic production; make complete ration compound feeds for feeding poultry of various species in the system of organic production);</li> </ul>

	<p>- to search for necessary data in scientific literature, databases and other sources, analyze and evaluate these data (production of organic products and raw materials of animal origin: rules and regulations);</p> <p>- to be responsible for the development of professional knowledge and practices, assessment of the strategic development of the team, formation of an effective personnel policy (to be able to form an effective personnel policy; to be able to apply professional knowledge and practical training for strategic development).</p>
<b>Description of the discipline</b>	
<b>Prerequisites needed for studying the discipline</b>	The selective educational discipline "Animal feeding in organic production" is based on the knowledge of such disciplines as "Animal feeding", "Production, storage and quality control of fodder and feed additives", "Systems of standardized animal feeding", "Technology of fodder and animal nutrition".
<b>Students' limit in a group</b>	25 students
<b>Topics of in-class activity</b>	<p><b>Lectures</b></p> <ol style="list-style-type: none"> <li>1. State regulation of organic production.</li> <li>2. Rules for the production of fodder for organic animal husbandry.</li> <li>3. Requirements for organic animal husbandry.</li> <li>4. Basics of normalized organic feeding of animals.</li> <li>5. Feeding dairy cattle in the system of organic production.</li> <li>6. Pig feeding in the system of organic production.</li> <li>7. Feeding sheep and goats in the system of organic production.</li> <li>8. Poultry feeding in the system of organic production.</li> </ol> <p><b>Practical classes</b></p> <ol style="list-style-type: none"> <li>1. Requirements for the origin, reproduction and reproduction of animals used for the production of unprocessed organic products (raw materials).</li> <li>2. Feeding rules and feed requirements in the production of organic products (raw materials).</li> <li>3. Features of the production of ecological and organic livestock products.</li> <li>4. Recipes of fodder mixtures for feeding fat dry cows in the system of organic production by periods of calving.</li> <li>5. Recipes of fodder mixtures for feeding dairy cows in the system of organic production by periods of the production cycle.</li> </ol>

	<p>6. Recipes for feed mixes for feeding pigs in the organic production system.</p> <p>7. Recipes for feed mixes for feeding sheep and goats in the organic production system.</p> <p>8. Recipes of complete ration compound feed for feeding poultry in the system of organic production.</p>
<b>Language of teaching</b>	Ukrainian