

Annotation of selective discipline

Academic discipline	Ethology of farm animals
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Courses and semesters, when the discipline is planning to study	1 st course (master degree), 2 nd semester
Faculties whose students are invited to study discipline	Biological-technological faculty
List of competencies and learning-related outcomes that discipline provides	<p>According to the requirements of the educational and professional program "Technology of production and processing of animal husbandry products", applicants must acquire 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 6 (professional competence). 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 to students.</p> <p>The result of studying the discipline is the students' acquisition of such knowledge and skills:</p> <ul style="list-style-type: none"> - to evaluate and ensure the quality and safety of technologies for the production of livestock products, fodder and feed products, levels of animal nutrition and products of animal origin (to apply systems of knowledge on animal behavior, mastering methods, skills and abilities to use indicators of animal behavior in the organization and safety of technological production processes products, animal feeding, as well as distribution of fodder by automated mobile feed mixers on modern farms); - to develop, implement and modernize effective technologies and processes in the field of production and processing of livestock products (to use indicators of herd, fodder, comfort, sexual, maternal and productive reactions of farm animals when developing normative parameters for keeping and operating cows on new and reconstructed farms for increasing the level of productivity on modernized farms); - to carry out research and/or carry out innovative activities with the aim of obtaining new knowledge and creating new technologies and products in the field of animal husbandry and in wider multidisciplinary contexts (to design and manage the technological process of production of animal husbandry products taking into account ethological indicators, to create new technologies); - to apply modern mathematical methods, information technologies and specialized software for research and development in the field of technologies for the production and processing of livestock products (to keep records and registration with the help of special equipment, time spent on the main life manifestations of animals; to draw conclusions about peculiarities of the behavior of farm animals based on observations, descriptions, various forms of registration for conducting research);

	<ul style="list-style-type: none"> - to search for necessary data in scientific literature, databases and other sources, analyze and evaluate these data (to apply modern scientific and informational tools for the development of the science of animal behavior); - 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 ensure compliance with professional knowledge of the ethology of farm animals on modern farms).
Description of the discipline	
Preconditions necessary for the study of discipline	Selective discipline "Ethology of farm animals" is one of the disciplines in master's degree course of higher education in specialty 204 - Technology of production and processing of animal husbandry products. It is based on the knowledge of such disciplines as "Physiology of farm animals", "Genetics with biometrics", "Animal Feeding", "Animal Breeding", "Dairy and beef production technology", "Beef farming", "Beekeeping production technology", "Rabbit and animal for fur production technology", "Pig production production technology", "Goat and sheep production technology" "Poultry products production technology " and "Horse breeding", studied at the bachelor's level of education.
Maximum number of students who can study simultaneously	25 students
	<p>Lectures</p> <ol style="list-style-type: none"> 1. Development of the science of animal behavior. 2. Instinct. Types of instincts. 3. Forms of behavior. 4. Reaction behavior of cattle. Ethology of dairy cows. 5. Behavioral reactions of pigs. 6. Behavioral reactions of horses. 7. Behavioral reactions of birds. 8. Behavioral reaction of sheep. 9. Behavioral reactions of bees. Bee ethology. <p>Practical classes</p> <ol style="list-style-type: none"> 1. Principles of behavior classification. Classification of the main forms of behavior: reproductive, individual and social. 2. Influence of animal behavior on productivity, stress, adaptation, and acclimatization of animals. 3. The main issues studied by comparative ethology. 4. Ethology of young animals. Behavior of newborn foals. Behavior of weaned foals. 5. Dominance and hierarchy in groups of animals and people. 6. Study of behavioral reactions of cattle (calves) 7. The effect of changing the system, method and way of keeping on the behavior of sheep. Vital manifestations in adults. 8. Study of behavioral reactions in fish. 9. Behavior of goats.
Language of teaching	Ukrainian