

Academic subject	Life safety and civil protection
Teacher	Viktoriiia Baban, PhD of Agricultural Sciences, Assistant of the Department of Life`s activity
Course and semester in which you plan to study discipline	4nd year, 7rd semester
Faculties that are invited to study discipline	Faculty of Biology and Technology
List of competences and relevant learning outcomes provided by the discipline	<p>According to the educational and professional program "Technology production and processing of animal husbandry products" applicants must acquire the following competencies:</p> <p>IK. (Integral competence) The ability to solve complex specialized tasks and practical problems in the technology of production and processing of animal husbandry products or in the learning process, which involves the application of theories and technological methods in the production and processing of animal husbandry products and is characterized by complexity, leveling the influence of various factors and production situations .</p> <p>ZK 3. (general competence) Ability to apply knowledge in practical situations.</p> <p>ZK 5. Ability to adapt and act in a new situation.</p> <p>ZK 8. The desire to preserve the environment.</p> <p>FK 6(professional competence) Ability to apply basic knowledge of economics, organization and management in the production and processing of livestock products.</p> <p>The result of training in the discipline is the acquisition of the following knowledge and skills:</p> <ul style="list-style-type: none"> • Be able to ensure and control compliance with professional safety, health protection of workers, fire, man-made safety and civil protection during the implementation of technological processes for the production and processing of animal husbandry products. •To be able to identify sources of danger at workplaces, assess the risks of their influence, develop and implement measures to increase the level of occupational safety and health protection of employees, eliminate the causes that lead to accidents and occupational diseases. •Be able to identify potentially dangerous objects and harmful and dangerous factors that lead to emergency situations, assess the risks of their impact, develop and implement measures to increase the level of fire, man-made safety, protection of workers, population, territories, property and the environment. •To comply with the requirements for preservation and protection of the environment when developing and implementing measures to prevent the occurrence of emergency situations, localization and liquidation of their consequences within the scope of their competence in the position. •To be able to apply the acquired knowledge to make and

	<p>implement managerial decisions regarding the provision of occupational safety and health protection of employees.</p> <ul style="list-style-type: none"> •To be able to apply the acquired knowledge to make and implement management decisions regarding the provision of fire safety, man-made safety, prevention of emergency situations and protection of workers, the population, material values and the environment. •Apply international and national standards and practices in professional activities while ensuring professional, fire, man-made safety and protection against emergency situations. •Know the requirements of legal acts regarding occupational safety and health protection of employees, fire and man-made safety and civil protection.
Description of the discipline	
Prerequisites for the study of the discipline	The mandatory educational component "Life safety and civil protection" is based on the knowledge of such disciplines as "Legal science", "Ecology in animal husbandry", "Economics and enterprise management" studied in previous semesters.
Maximum number of students who can study	25 students
Classroom topics	<p>Topics of lectures</p> <ol style="list-style-type: none"> 1. Dangers of the environment of human activity and assessment of the risks of their manifestation. 2. Management of occupational safety and health protection of employees. 3. Occupational hygiene, health protection of workers and prevention of occupational diseases. 4. Requirements for ensuring professional safety and risk management at workplaces during the implementation of technological processes for the production and processing of animal husbandry products. 5. Management, provision and assessment of fire and man-made safety risks during the implementation of technological processes for the production and processing of animal husbandry products. 6. Management and organization of civil defense by business entities. 7. Protection of workers, population, territories, property and environment in emergency situations. <p>Topics of practical classes</p> <ol style="list-style-type: none"> 1. Assessment of the manifestation of the dangers of the human life environment on workers, the population, objects and the environment. 2. Identification of sources of danger and assessment of the risks of their manifestation. 3. Organization of training, briefings on occupational safety and

	<p>training of employees at the workplace.</p> <p>4. Development of instructions on labor protection.</p> <p>5. Organization of investigation of accidents and occupational diseases at work.</p> <p>6. Assessments of the factors of the production environment and the labor process, which affect the health and working capacity of employees in the process of labor activity. Determination of physical parameters of the production environment.</p> <p>7. Calculation of the need to provide employees with means of personal protection against harmful and dangerous factors.</p> <p>8. Assessment of occupational safety risks at workplaces</p> <p>9. Calculation of equipping objects with primary fire extinguishing means, their maintenance and use.</p> <p>10. Organization of civil protection by business entities.</p> <p>11. Organization of notification and evacuation in emergency situations.</p> <p>12. Calculation of the need for protective structures of civil protection, material and technical support and means of protection in emergency situations.</p> <p>13. Forecasting and planning measures to protect the population, territories, property and the environment from emergency situations</p> <p>14. The procedure for providing first aid to the victim in accidents and emergency situations</p>
Language of instruction	Ukrainian, English