

Annotation of elective educational component

Academic discipline	Selection and breeding work in poultry farming
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Courses and semesters, when the discipline is planning to study	1 course (master degree) 2 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-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 3 (professional competence). The ability to organize and control the implementation of measures aimed at improving the selection and breeding work in animal husbandry.</p> <p>FC 6. 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 8. The ability to develop and implement scientific and applied projects in the field of technologies for the production and processing of livestock products and related interdisciplinary areas, taking into account technical, economic, social, legal and environmental aspects.</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"> * to develop, implement and modernize effective technologies and processes in the field of production and processing of livestock products (to know the genetic bases of selection and their use; to know the selection and genetic characteristics of various types of poultry); * to search for the necessary data in scientific literature, databases and other sources, analyze and evaluate these data (to be able to apply the acquired Ukrainian and foreign experience in the organization of breeding business; to know the peculiarities of keeping breeding flocks of various types of poultry); * to communicate freely orally and in writing in Ukrainian and one of the foreign languages when discussing professional issues, research and innovations in the field of production and processing of livestock products (to know modern breeding achievements in breeding livestock in Ukraine and abroad; to know the organization of poultry

	breeding business of various productivity directions) ; * 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 be able to develop a plan for selection and breeding work in the conditions of breeding farms of different levels for each type of poultry; to be able to carry out selection and mating of parental forms, as well as interbreed and intrabreed crossings, industrial hybridization; to know the methods of creating autosex lines of various types of poultry).
Description of the discipline	
Preconditions necessary for the study of discipline	Selective academic discipline "Selection and breeding work in poultry farming" is based on the knowledge of such disciplines as "Genetics with biometrics", "Animal Physiology" and "Animal Breeding" which were studied at the 1st – 3rd courses.
Maximum number of students who can simultaneously study	18 students
Topics of classroom lessons	<p>Topics of lectures</p> <ol style="list-style-type: none"> 1. Theoretical bases of selection and breeding work in poultry farming. 2. Breeding traits and their heredity in poultry farming. 3. Selection and selection in poultry farming. 4. Features of the organization and technique of selection and breeding work in poultry farming. 5. Types of breeding poultry farms. 6. Structure of flocks of different breeding farms. 7. The main types of breeding work in poultry farming. <p>Topics of practical classes</p> <ol style="list-style-type: none"> 1. Accounting of breeding datas. 2. Plans of breeding work in poultry farming. 3. Creating mating plans for poultry. 4. Progeny testing of poultry. 5. Evaluation of egg-laying hens. 6. Evaluation of meat-egg hens. 7. Evaluation of meat chickens. 8. Evaluation of turkeys, geese, ducks, guinea fowls, quails. 9. Competitive tests of poultry. 10. Methods of mating and artificial insemination of poultry.
Language of teaching	Ukrainian