

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 "TECHNOLOGY OF PRODUCTION AND PROCESSING OF**  
**LIVESTOCK PRODUCTS"**

Guarantor of educational and research programs,  
Doctor of agricultural sciences, Professor  
**VITALII SEMENOVYCH BOMKO**



Type of diploma and program volume in specialty 204 "Technology production and processing of livestock products"

Diploma of Doctor of Philosophy, 4 academic years  
40 ECTS credits.

License

Decree of the Ministry of Education and Science of Ukraine of  
8 July 2016, №816.

Program level

QF for EHEA - and cycle 3; EQF for LLL - 8 level; Ukraine NQF - 8 level.

**The purpose of the program**

Based on Specialist and Master Degrees the program provides training of academic and pedagogical staff in animal feed, by obtaining competencies sufficient to meet the latest scientific and economic research, the results of which have scientific novelty, practical value, theoretical and experimental values and provide their support during the preparation and defence of the thesis.

**Educational program specialization**

The theoretical, experimental and methodological foundations for the improvement of detailed standards of feeding, evaluation of energy, protein, vitamin and mineral nutrient feed, harvesting and preparation methods for feeding. The ability to improve the typical diet of animals, to develop recipes of beneficial protein-vitamin-mineral concentrates and premixes environmentally and economically, to obtain competitive environmentally friendly livestock production and implementation of high-performance genetic potential of animals at the lowest cost of feed per unit of output.

**Program peculiarities**

This program is implemented using the scientific and practical experience of foreign and domestic scientists on modern feeding of highly productive animals, conducting scientific and economic research in the field of feeding and using zoo technical, microbiological, biochemical, morphological, and biometric techniques.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 “TECHNOLOGY OF PRODUCTION AND PROCESSING OF**  
**LIVESTOCK PRODUCTS”**  
**SPECIALIZATION: LIVESTOCK FEEDING AND TECHNOLOGY OF CROPS**

Guarantor of educational and research programs,  
Doctor of agricultural sciences, Professor  
**LEONID SIDOROVICH DYACHENKO**



Type of diploma and  
program volume in specialty  
204 "Technology production  
and processing of  
livestockproducts"  
License

Diploma of Doctor of  
Philosophy, 4 academic  
years  
40 ECTS credits.

Program level

Decree of the Ministry of  
Education and Science of  
Ukraine of  
8 July 2016, №816.  
QF for EHEA - and cycle  
3;EQF for LLL - 8 level;  
Ukraine NQF - 8 level.

**The purpose of the program**

To provide (on the basis of the Master's Degree) the training of academic and pedagogical staff in the field of livestock feeding and feed technology, obtaining competencies that are sufficient for the implementation of original scientific research, the results of which have scientific novelty, theoretical and practical importance, as well as their support during preparation and defense of the thesis.

**Educational program specialization**

Theoretical, methodological, experimental and scientific and production principles with the improvement of the norms of energy, protein, amino acid, mineral and vitamin feeding of various species and sex-age groups of agricultural animals and poultry, development of the latest technologies and innovative methods of harvesting, storage and use of feed, including feed, feed additives and premixes, the search for new sources of raw feed resources aimed at solving the problem of organizing full feeding of animals and obtaining ecologically clean and competitive livestock products.

**Program peculiarities**

This program is implemented through the use of zootechnical, physiological, physico-chemical, biochemical and statistical methods of research, a deep understanding and interpretation of the results, their production testing and introduction into production, preparation of normative documents of the national level regarding normalized feeding of animals and feed technology.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 “TECHNOLOGY OF PRODUCTION AND PROCESSING OF**  
**LIVESTOCK PRODUCTS”**  
**SPECIALIZATION: BIOLOGICAL CHEMISTRY**

Guarantor of educational and research programs,  
Doctor of agricultural sciences, Professor

**SVITLANA IVANIVNA TSEHMISTRENKO**



Type of diploma and program volume in specialty 204 "Technology production and processing of livestock products"

License

Program level

Diploma of Doctor of Philosophy, 4 academic years  
40 ECTS credits.

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8 July 2016, №816.

QF for EHEA - and cycle 3; EQF for LLL - 8 level; Ukraine NQF - 8 level.

**The purpose of the program**

To provide (on the basis of the Master's degree) the training of academic and pedagogical staff in the field of biochemistry of animals by obtaining the competencies sufficient for carrying out original scientific researches, the results of which have scientific novelty, theoretical and practical value, as well as their support in the course of preparation and defense of the thesis.

**Educational program specialization**

Ability to solve complex problems in the field of biochemistry of animals, conduct an original scientific research and carry out research and innovation activity on the basis of a deep rethinking of available and creation of new integrated theoretical or practical knowledge and / or professional practice.

The study of the chemical composition of the organism of animal and poultry, a deeper understanding of the basics of metabolism and the laws of chemical reactions with the aim of purposeful influence on metabolic processes, aimed at strengthening the health of animals, increasing their productivity and improving product quality.

**Program peculiarities**

It is implemented with the use of modern biochemical, physiological, physiological and chemical, zoo technical, statistical, informational and simulation and modeling methods, requires deep theoretical knowledge and skills in biochemistry using mathematical methods and information technologies.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 “TECHNOLOGY OF PRODUCTION AND PROCESSING OF**  
**LIVESTOCK PRODUCTS”**  
**SPECIALIZATION: BIOTECHNOLOGY**

Guarantor of educational and research programs,  
Doctor of agricultural sciences, Professor

**OLEKSANDR MIKOLAYOVICH MELNICHENKO**



Type of diploma and program volume in specialty 204 "Technology production and processing of livestock products"

License

Program level

Diploma of Doctor of Philosophy, 4 academic years  
40 ECTS credits.

Decree of the Ministry of Education and Science of Ukraine of  
8 July 2016, №816.

QF for EHEA - and cycle 3; EQF for LLL - 8 level; Ukraine NQF - 8 level.

**The purpose of the program**

To organize appropriate and effective training of highly skilled, competitive academic and pedagogical staff capable of generalizing, analyzing, systematizing existing and developing new scientific knowledge in biotechnology, as well as practical skills for their implementation into practice, solving complex problems in biotechnology, carrying out research and innovation by obtaining their competencies.

**Educational program specialization**

Solving a number of important practical problems of agro-industrial production using the most modern methods and techniques of biotechnology, introducing them into practice, developing mechanism directions for the implementation of the solution of specific national economic tasks, improving the quality and safety of agricultural products, and commercializing the results of research activities.

**Program peculiarities**

Ability to apply a systematic approach and to take into account different aspects during research in solving practical tasks, knowledge and understanding of modern scientific theories and methods of biotechnology, their ability to effectively apply in practice, to effectively apply methods of analysis of cell and genetic engineering, molecular biology, engineering enzymology, DNA technologies using mathematical methods and information technologies, perform necessary experiments during scientific research.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 “TECHNOLOGY OF PRODUCTION AND**  
**PROCESSING OF LIVESTOCK PRODUCTS**  
**SPECIALIZATION: TECHNOLOGY OF PRODUCTION OF**  
**PRODUCTS OF ANIMALS**

**Guarantor education and research programs,**

Doctor of agricultural sciences, professor  
**MARIIA MYKHAILIVNA LUTSENKO**



Type of diploma and  
program volume of  
specialty 204 "Technology of  
Production and Processing of  
Livestock Products"

License

Program level

Diploma of Doctor of  
Philosophy  
4 academic years  
40 ECTS credits.

Decree of the Ministry of  
Education and Science of  
Ukraine of  
8 July 2016 No.816.

QF for EHEA – 3 cycles;  
EQF for LLL – 8th level;  
Ukraine NQF – 8th level.

**The purpose of the program.**

Based on a Master's degree the program provides training of academic and pedagogical staff in the area of modern technologies for the production and processing of livestock products through the attainment of competences required to perform original research, results of which have scientific novelty, theoretical and practical value, and can help during the preparation and defense of the thesis.

**Educational program specialization.**

Theoretical, methodological and organizational principles of improvement and development of new innovative technologies of production and processing of livestock products, development of livestock industry in accordance with state programs and European requirements, project management, generation of entrepreneurial ideas.

**Program peculiarities.**

This program is implemented using methods of mathematical, informational and simulation modeling; requires a deep theoretical knowledge and skills to develop innovative technologies production and processing of livestock products using mathematical methods and information technologies.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 204 “TECHNOLOGY OF PRODUCTION AND**  
**PROCESSING OF LIVESTOCK PRODUCTS**  
**SPECIALIZATION: LIVESTOCK BREEDING**

**Guarantor education and research programs,**  
Doctor of agricultural sciences, associate professor

**RUSLANA VLADIMIRIVNA STAVETSKA**



Type of diploma and  
program volume of specialty  
204 "Technology of Production  
and Processing of Livestock  
Products"

License

Program level

Diploma of Doctor of  
Philosophy  
4 academic years  
40 ECTS credits.

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Ukraine of  
8 July 2016 No.816.

QF for EHEA – 3 cycles;  
EQF for LLL – 8th level;  
Ukraine NQF – 8th level.

**The purpose of the program.**

Based on a Master's degree the program provides training of academic and pedagogical staff in the area of livestock breeding, theoretical knowledge and practical skills and knowledge of doing a scientific research and acquiring new practically aimed results that have urgency of the research, scientific novelty, theoretical and practical importance, and can help during the preparation and defense of the thesis.

**Orientation program.**

Theoretical, methodological and organizational basis for improving practice in the field of **animal breeding and selection aimed** at relevant aspects of the specialty: the creation of measures to improve the selection and breeding of livestock, increased livestock production, achieve global levels of productivity of animals.

**Program peculiarities.**

This program is implemented using methods of mathematical and algorithmic modeling while analyzing algorithmic problems of scientific research to create new knowledge through original research of livestock breeding, the quality of which can be recognized at the national and international levels.