

# **PhD DEGREE PREPARATION GUARANTOR SPECIALTY 201 "AGRONOMY"**

**Educational and Scientific Programme Guarantor  
Doctoral degree in Agricultural Sciences, Professor  
KARPUK LESIA MYKHAILIVNA**



Type of diploma and specialty programme volume (201 "Agronomy")	Diploma of Doctor of Philosophy 4 academic years 40 ECTS credits.
License	Decree of the Ministry of Education and Science of Ukraine of July 8, 2016, No. 816.
Programme level	QF for EHEA – 3 cycles; EQF for LLL – level 8; NQF of Ukraine – level 8.

## **Programme purpose.**

Training of scientific and academic staff on the basis of the master's degree in the field of plant growing, by obtaining them the competencies sufficient for scientific research, the results of which have scientific novelty, theoretical and practical significance, as well as their support during the preparation and dissertation defence.

## **Programme orientation.**

Theoretical, methodological and practical principles of improvement of production activity in the field of plant growing, with the aim of obtaining economically justified, environmentally friendly, competitive crop production for improving the elements of the technology of crop cultivation.

## **Programme features.**

The programme is realized through the application of advanced methods and technologies of crop cultivation, under the conditions of plant growth processes prediction and management, productivity and quality monitoring due to specific environmental conditions, considering all the components, including the biology of a particular crop.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 201 "AGRONOMY"**  
**SPECIALIZATION: PLANTING / PLANT GROWNING**

**Educational and Scientific Programme Guarantor**  
**Doctoral degree in Agricultural Sciences, Professor**  
**VAKHNIY SERHIY PETROVYCH**



Type of diploma and specialty programme volume (201 "Agronomy")	Diploma of Doctor of Philosophy 4 academic years 40 ECTS credits.
License	Decree of the Ministry of Education and Science of Ukraine dated July 8, 2016, No. 816.
Programme level	QF for EHEA – 3 cycles; EQF for LLL – level 8; NQF of Ukraine – level 8.

**Programme purpose.**

Preparation of scientific and academic staff in "Agronomy" specialty through their obtaining competencies and improving their personal competitiveness, sufficient for performing original scientific research which has theoretical and practical importance for agricultural production.

**Programme orientation.**

Theoretical, methodological and organizational principles for improving the specialists` professional training process in the field of plant growing, ensuring the agrarian sector development, as well as socially responsible policy formation, combining agrotechnical models of crops growing with the technology used in production, substantiating the economic and energy efficiency of the models designed.

**Programme features.**

It is realized through the use of mathematical, informational and simulation methods and requires profound theoretical knowledge and skills in

creating models of objects and processes in the agrarian sector using dispersion, regression and correlation analysis.

**PhD DEGREE PREPARATION GUARANTOR**  
**SPECIALTY 201 "AGRONOMY"**  
**SPECIALIZATION: SELECTION AND SEED PRODUCTION**

**Educational and Scientific Programme Guarantor**  
**Doctoral degree in Agricultural Sciences, Professor**  
**BURDENYUK-TARASEVYCH LARYSA ANTONIVNA**



Type of diploma and  
specialty programme  
volume (201  
"Agronomy")  
License

Diploma of Doctor of  
Philosophy  
4 academic years  
40 ECTS credits.  
Decree of the Ministry of  
Education and Science of  
Ukraine dated  
July 8, 2016, No. 816.  
QF for EHEA – 3 cycles;  
EQF for LLL – level 8;  
NQF of Ukraine – level  
8.

Programme level

**Programme purpose.**

Professional training of scientific and academic staff on the magister degree in the field of selection and seed production through their obtaining competent scientific research results which have scientific novelty, theoretical and practical importance, as well as their support during the preparation and the dissertation defense.

**Programme orientation.**

Theoretical, methodological and organizational principles of practical improvement in the field of breeding and seed production of agricultural crops (development of methods of creating the source material, varieties and hybrids), as well as methods of their reproduction, seed production technologies and planting

material. Fundamental and applied researches on the implementation of the genetic potential of plant productivity, creation and reproduction of initial forms, varieties and hybrids resistant to biotic and abiotic stress factors of the environment, suitable for cultivation with intensive technologies. Investigation of the productive properties and seed qualities as well as the qualities of the planting material, depending on the genotype and environmental conditions.

### **Programme features.**

The programme is realized through the use of mathematical, informational and simulation methods, it requires profound theoretical knowledge and skills for creating models of objects and processes in the field of breeding and seed production.

## **PhD DEGREE PREPARATION GUARANTOR SPECIALTY 201 "AGRONOMY" SPECIALIZATION: GENERAL AGRICULTURE**

### **Educational and Scientific Programme Guarantor Doctoral degree in Agricultural Sciences, Professor PRYMAK IVAN DMYTROVYCH**



Type of diploma and  
specialty programme  
volume (201  
"Agronomy")  
License

Programme level

Diploma of Doctor of  
Philosophy  
4 academic years  
40 ECTS credits.  
Decree of the Ministry of  
Education and Science of  
Ukraine dated  
July 8, 2016, No. 816.  
QF for EHEA – 3 cycles;  
EQF for LLL – level 8;  
NQF of Ukraine – level 8.

### **Programme purpose.**

On the basis of the master's degree, to provide the training of scientific and academic staff in the field of agriculture by obtaining them competencies sufficient for scientific research, the results of which have scientific novelty,

theoretical and practical importance, as well as their support during the preparation and defense of the dissertation.

### **Programme orientation.**

Theoretical, methodological and practical principles of improvement of production activity in the agricultural industry with the purpose of obtaining economically justified, environmentally friendly competitiveness of plant products, while simultaneously restoring soil fertility and preserving landscapes.

### **Programme features.**

The programme is implemented through modern methods and technologies of crop production due to its natural and social conditions adaptation specifications, taking into account the compliance of crop production agrotechnical requiremen with landscape and agro-landscape conditions.