# MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

## **SUMY NATIONAL AGRARIAN UNIVERSITY**

"APPROVED"

Rector

2022b

Degree **Doctor of philosophy**Studying period **4 years**Previous level **Master** 

## **STUDYING PLAN 2022-2023**

PhD degree in the program subject area 201 "Agronomy" Full-time study

## SCHEDULE OF TEACHING PROCESS (May - September admission)

#### Activities distribution is weeks

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## SCHEDULE OF TEACHING PROCESS (November - April admission)

#### Activities distribution is weeks

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### Abbreviation

C Classes E Exams V Vacations
Teaching training

R Research
TD Thesis defending

TR Thesis reviewing

### Practical training

Title	Semester	Weeks
Teaching training	4	4

### Graduation

Title	Semester
PhD thesis defending	8

### CURRICULUM

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			Assessment				clas	sses		T	Hours per week									
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		-		Man person	Manda	tory units														
OK.1	Philosophy of science	T	2	4	120	40	20	20		80	T	4			T					
OK.2	Contemporary computer technologies in science	1		3	90	30	14	16		60	4									
OK. 3	Communications in scientific area		2	3	90	30	14	16		60		3								
OK. 4	Methodology of conducting scientific researches	2		3	90	30	14	16		60		3								
OK. 5	The plant in the experiment	1		3	90	30	14	16		60	4									
OK. 6	Modeling and planning scientific experiment		1	3	90	30	14	16		60	4									
OK.7	Registration of in:ellectual property rights		1	3	90	30	14	16		60	4									
OK. 8	Design and delivery of course unit	2		3	90	30	14	16		60	1	3								
OK. 9	Ukrainian language		1,2	4	120	60		60		60	4	3								
OK. 10	Scientific project management	1		3	90	30	14	16		60	<b>†</b>		Annual An					-		
OK. 11	English in professional area		1,2	4	120	60		60		60	4	3			-			-		
OK. 12	Organization of preparation of scientific publications and writing of PhD thesis		2	3	90	30	14	16		60		3								
OK. 13	Practice in Teaching		4	3	90	20		20		70				5			and the second second second			
OK. 14	World agricultural technologies	3		3	90	30	14	16		60		3								
Total by	mandatory units			45	1350	480	160	320	0	870	24	25	0	5						
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BK.2	Elective unit 2		3	5	150	48	18	30		102			8			1				
BK.3	Elective unit 3		3	5	150	48	18	30		102			8							
Total by	elective units			15	450	144	54	90	0	306	0	0	24	0				-		
	stadying plan			60	1800	624	214	410	0	1176	24	25	24	5		3				

#### List of elective units

Organization and technique of selection process Protection of rights to plant varieties in Ukraine Organization of seed production

General, ecological and biological aspects of agriculture Ecological aspects of fertilization of agricultural crops

Agricultural land reclamation as a factor in optimizing crop growing conditions Reclamation agriculture

Biotechnology, mutagenesis, polyploidy, haploidy in plant breeding Distant hybridization of plants Adaptive crop production Domestication of plants and the history of agriculture Technological parameters of crops Biological bases of crop production Acrochemistry and modern aspects of fertilizer application, their effect Weaknesses of mineral nutrition and increasing its effectiveness in the Forecasting and programming of crop yields

Programme leader

Head of Postgraduate and Doctoral Programmes Department

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