

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SUMY NATIONAL AGRARIAN UNIVERSITY

Degree Doctor of philosophy
Studying period 4 years
Previous level Master



"APPROVED"

Rector

STUDYING PLAN 2021-2022

PhD degree in the program subject area 202 "Plants protection and quarantine"
Full-time study

SCHEDULE OF TEACHING PROCESS (May - September admission)

Activities distribution is weeks

KYPE	Year																																				Total														
	October			November			December			January			February			March			April			May			June			July			August			September																	
I	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	13	7	52
II	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	23	3	52
III	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	45	7	52
IV	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	4	30	7	11	52	

Activities distribution is weeks

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KYPE	Year																																				Total											
	May			June			July			August			September			October			November			December			January			February			March			April														
I	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	19	7	52
II	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	24	2	52
III	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	17	2	52
IV	R	R	R	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	4	23	7	18	52	

Abbreviation

C Classes
E Exams

V Vacations
T 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

№	Assessment		Amount of ECTS		Amount of hours			
	Exams	Credits	Total	studying hours	lectures	seminars	consultations	individual work
					1 year	2 year	3 year	4 year
					1 semester 7 weeks	2 semester 6 weeks	3 semester 6 weeks	4 semester 6 weeks

Mandatory units													
	1	2	4	120	40	20	20	20	80	4	4		
Philosophy of science													
OK 3 Contemporary computer technologies in science	1		3	90	30	14	16		60	4	4		
OK 4 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		3		
OK 6 Modeling and planning scientific experiment		1	3	90	30	14	16		60		4		
OK 7 Registration of intellectual 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		4		
OK 9 Ukrainian language		1,2	4	120	60	30	14	16	60		3		
OK 10 Scientific project management	1		3	90	30	14	16		60		4		
OK 11 English in professional area		1,2	4	120	60	30	14	16	60		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	14	16		70		5		
OK 14 Molecular aspects of the interaction of plants and pests	3		3	90	30	14	16		60		3		
Total by mandatory units			45	1350	480	160	320	0	870	24	25	0	5
Elective units													
BK 1 Elective unit 1			5	150	48	18	30		102			8	
BK 2 Elective unit 2		3	5	150	48	18	30		102			8	
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
Total by studying plan			60	1800	624	214	410	0	1176	24	25	24	5

List of elective units
 Modern methods of phytopathogen identification
 Peculiarities of species determination of phytophages dominating in the North-Eastern Forest-Steppe
 The latest range of plant protection products against diseases
 Plant resistance to pests
 Ecological plant protection in modern agrotechnologies

Pathogenicity of plant pathogens in agroecosystems
 Useful entomofauna of agroecosystems and ways to increase its efficiency
 Theory and technology of forecasting and decision making in plant protection and quarantine
 Population biology of phytopathogenic fungi
 Biological invasions in agro ecosystems

[Signature]
 Programme leader

[Signature]
 Head of Postgraduate and Doctoral Programmes Department

[Signature]
 Vasenko V.A.
 Kostel K.