MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

SUMY NATIONAL AGRARIAN UNIVERSITY

"APPROVED"

Rector ____________ Vladyka

Getting degree Doctor of philosophy
Studying period 4 years
Previous level Magister

STUDYING PLAN 2019-2020

PhD degree in scientific direction 202 "Plant protection"
full-time studying

1. SCHEDULE OF TEACHING PROCESS

Year	weeks 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	september					october				november				december					january				february			
	1	2	3	4	5	1	2	3	4	1	2	3	4	1	2	3	4	5	1	2	3	4	1	2	3	3
	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25
I						C	C	C	C	C	C	C	C	C	C	C	E	V	V	R	R	R	R	R	C	C
II	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	E	V	V	R	R	R	R	R	R	R
III	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	V	V	R	R	R	R	R	R	R
IV	R	R	R	R	R	R	R	R	R	TT	TT	TT	R	R	R	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD

Year	weeks 27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
	march					april				may				june					july				august			
	1	2	3	4	5	1	2	3	3	1	2	3	4	1	2	3	4	5	1	2	3	4	1	2	3	4
	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	2
I	C	C	C	C	C	C	C	C	C	C	C	E	R	R	R	R	R	R	R	R	V	V	V	V	V	V
II	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	V	V	V	V	V	V
III	R	R	TT	TT	TT	R	R	R	R	R	R	TT	TT	R	R	R	R	R	R	R	V	V	V	V	V	V
IV	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD

D efinitions:

C	classes	V	vacations	R	Research
E	exams	TT	teaching trainee	TD	Thesis defend

2. Practical trainee

Title	Semester	Weeks
Teaching trainee	6.7	6

3. Graduation

Title	form	Semester
Defend of PhD thesis		8

4. CURRICULUM

№	Title of discipline	Dividing by semesters: Exams	Credits	Amount of ECTS	Кількість годин: Total	CLASSES: studying hours	in that number: lectures	seminars	consultations	individual work	ECTS per semester: 1 year: 1 semester	2 semester	2 year: 3 semester	4 semester	3 year: 5 semester	6 semester	4 year: 7 semester	8 semester
1. Mundutory units																		
OK.1	Philosophy of science	1		3	90	24	12	12		66	3							
OK.2	Contemporary computer technologies in science	1		3	90	24	12	12		66	3							
OK. 3	Communications in scientific area		2	3	90	24	12	12		66		3						
OK. 4	Methodology of conducting scientific researches		2	3	90	24	12	12		66		3						
OK. 5	The plant in the experiment		1	3	90	24	12	12		66	3							
OK. 6	Modeling and planning scientific experiment		1	3	90	24	12	12		66	3							
OK.7	Registration of intellectual property rights		1	3	90	24	12	12		66	3							
OK. 8	Teaching methodology		2	3	90	24	12	12		66		3						
OK. 9	Ukrainian language	2		3	90	60		60		30	1.5	1.5						
OK. 10	Project management	1		3	90	24	12	12		66	3							
OK. 11	English in professional area	2		3	90	60		60		30	1.5	1.5						
OK. 12	Methodology for preparing scientific papers in a foreign	2		3	90	24	12	12		66		3						
OK. 13	Practice in Teaching & learning		6.7	6	180					180						3	3	
Total by mundutory units				**42**	**1260**	**360**	**120**	**240**	**0**	**900**	**21**	**15**				**3**	**3**	
2. Compalsory units																		
BK.1	Methodology of PhD thesis writing/ Management of laboratory activity	2		3	90	24	12	12		66		3						
BK.2	Molecular Aspects of Plant Interactions and Their Parasites / Specific Features of Species Determination of Phytophagus		2	4	120	36	12	24		84		4						
BK.3	Population biology of phytopathogenic fungi / Useful entomofauna of agrocenoses and ways to improve its		2	4	120	36	12	24		84		4						
BK.4	Current methods for identification of phytopathogens / Plant resistance to pests		2	4	120	36	12	24		84		4						
Total by compalsory units				**15**	**450**	**132**	**48**	**84**	**0**	**318**	**0**	**15**						
Total by stadying plan				**57**	**1710**	**492**	**168**	**324**	**0**	**1218**	**21**	**30**				**3**	**3**	