

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE



"APPROVED

~~Rector~~ ~~V. Ladyka~~

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

STUDYING PLAN 2019-2020

PhD degree in scientific direction 133 "AG Engeneering"
full-time studying

1. SCHEDULE OF TEACHING PROCESS

Definition

class
exam

V	vacations
TT	teaching training

R Research
TD Thesis defend

2. Practical training

Title	Semester	Weeks
Teaching trainee	6,7	6

3. Graduation

Title	Форма	Semester
Defend of PhD thesis		8

4. CURRICULUM

№	Title of discipline	Dividing by semesters		Amount of ECTS	Amount of hours					ECTS per semester								
					classes in that number				individual work	1 year		2 year		3 year		4 year		
		Exams	Credits		Total	studying hours	lectures	seminars		1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	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	Tribotechnics		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. Compulsory units																		
BK.1	Methodology of PhD thesis writing/ Management of Modeling and optimization of technical systems / The theory of optimization of complexes and systems of machines		2		3	90	24	12	12	66	3							
2.1.1.				2	4	120	36	12	24		84		4					
2.1.2.	Fundamentals quality research of technological operations / Evaluation of the quality of field work in crop production			2	4	120	36	12	24		84		4					
2.1.3.	Optimal and adaptive systems / Optimization of machine			2	4	120	36	12	24		84		4					
Total by compulsory units					15	450	132	48	84	0	318	0	15					
Total by studying plan					57	1710	492	168	324	0	1218	21	30			3	3	