

"APPROVED"

Rector: V. Ladyba

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



STUDYING PLAN 2019-2020

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

1. SCHEDULE OF TEACHING PROCESS

Year	weeks																																																					
	september				october				november				december				january				february				march				april				may				june				july				august									
	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	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		
I						C	C	C	C	C	C	C	C	C	C	E	V	V	R	R	R	R	R	C	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	V			
II	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	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	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IV	R	R	R	R	R	R	R	R	R	R	R	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT	TT

Definitions:

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

2. Practical training

Title	Semester	Weeks
Teaching trainee	6,7	6

3. Graduation

Title	forms	Semester
Defend of PhD thesis		8

4. CURRICULUM

№	Title of discipline	Dividing by semesters		Amount of ECTS	Amount of hours						ECTS per semester							
		Exams	Credits		Total	studying hours	classes			individual work	1 year		2 year		3 year		4 year	
							in that number	lectures	seminars		consultations	1 semester	2 semester	3 semester	4 semester	5 semester	6 semester	7 semester
1. Mandatory 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 mandatory 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 /	2		3	90	24	12	12		66		3						
2.1.1.	The theory of optimization of complexes and systems of machines		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