MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

SUMY NATIONAL AGRARIAN UNIVERSITY

"APPROVED"

Rector ______ Ladyka

______ 20__

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

STUDYING PLAN 2019-2020

PhD degree in scientific direction **18 "Food technology"**
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	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
	september					october				november				december					january				february				march					april				may				june					july				august			
	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	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
	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	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	V	V	R	R	R	R	R	C	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
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	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	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	V	V	R	R	R	R	R	R	R	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	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	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 training	TD	Thesis defend

2 . Practical training

Title	Semester	Weeks
Teaching training	6,7	6

3. Graduation

Title	Форма	Semester
Defend of PhD thesis		8

4. CURRICULUM

№	Title of discipline	Dividing by semesters: Exams	Dividing by semesters: Credits	Amount of ECTS	Amount of hours: Total	classes: studying hours	in that number: lectures	in that number: seminars	in that number: consultations	individual work	ECTS per semester: 1 year: 1 semester	1 year: 2 semester	2 year: 3 semester	2 year: 4 semester	3 year: 5 semester	3 year: 6 semester	4 year: 7 semester	4 year: 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	Modern achievements of food science		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	Food quality management / Current trends in the industry: the		2	4	120	36	12	24		84		4						
BK.3	Innovative Food Ingredients in Food Technology / Innovative engineering of restaurant facilities		2	4	120	36	12	24		84		4						
BK.4	Engineering innovation / Innovation in the industry		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**	