

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

SUMY NATIONAL AGRARIAN UNIVERSITY

"Approve"

Acting rector of the university Volodymyr LADYKA

Qualification **Doctor of Philosophy**

The term of study is **4 years**

on the basis of **the second master's level of higher education**



CURRICULUM for the 2024-2025 academic year

Preparations for a doctor of philosophy at field of knowledge 18 "Production and technologies"
specialty 181 "Food technologies"
the form of study full-time (day)

1. SCHEDULE OF THE EDUCATIONAL PROCESS

2. Summary data on budget (in weeks)

Course																																																					Course	Theoretical study	Examination period	Practice	PhD certification	Scientific research work	Holiday	Preliminary consideration of the dissertation work	Together					
	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														
	October				November				December				January				February				March				April				May				June				July				August				September																					
I	T	T	T	T	T	T	T	T	T	T	S	S	S	SR	SR	SR	SR	T	T	T	T	T	T	T	T	T	T	S	S	S	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	H	H	H	H	H	H	H	SR	SR	SR	SR	I	20	6			18	8			52
II	T	T	T	T	T	T	T	T	T	T	T	T	T	S	S	S	SR	SR	PP	PP	PP	PP	PP	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	H	H	H	H	H	H	H	H	SR	SR	SR	SR	SR	II	13	3	4		24	8			52
III	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	H	H	H	H	H	H	H	H	SR	SR	SR	SR	SR	III					44	8			52
IV	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	SR	H	H	H	H	H	H	H	D	D	D	D	IV				4	29	8	11		52		

- H holiday
- PP pedagogical practice
- T theoretical study
- S session

- SR Scientific research work
- PR Preliminary review of scientific achievements

- D Public defense of the dissertation

3. Practice

Name of the practice	Semester	weeks
Pedagogical practice	4	3

4. Attestation

Form	weeks
Defense of scientific achievements (dissertations)	4

5. Educational process plan

No	Subjects	Distribution by semesters		Number of ECTS credits	The total amount	Number of hours					hours per week							
		Exams	Credits			In total	Auditory including				Independent work	hours per week						
							Lectures	Practical seminars	Consultations	1 year		2 year	3 year	4 year				
										1st semester, 10 weeks:	2nd semester, 10 weeks:	3rd semester, 13 weeks:	4th semester	5th semester	6th semester	7th semester		
1. Mandatory components of general training																		
MC 1	Philosophy of science	1		3	90	30	10	20		60	3							
MC 2	Modern information technologies in scientific activity	1		3	90	40	20	20		50	4							
MC 3	Management of scientific projects and registration of intellectual property rights	1		4	120	50	20	30		70	5							
MC 4	Academic writing in a foreign language	2	1	4	120	60		60		60	3	3						
MC 5	Communications in the scientific environment		2	3	90	40	20	20		50		4						
MC 6	Organization of preparation of scientific publications and writing of dissertation	2		3	90	40	20	20		50		4						
MC 7	Introduction to teaching and learning	2		3	90	40	20	20		50		4						
Together with all cycles of mandatory components of general training				23	690	300	110	190		390	15	15	0	0	0	0	0	
2. Mandatory components of professional training																		
MC 8	Methodology of conducting scientific research		1	3	90	40	20	20		50	4							
MC 9	Modern achievements of food science	1		3	90	40	20	20		50	4							
MC 10	Modeling and planning of a scientific experiment		2	3	90	40	20	20		50		4						
MC 11	Modern instrumental research methods	2		3	90	40	20	20		50		4						
MC 12	Methodology and technology of scientific information processing		3	3	90	40	20	20		50		4						
MC 13	Optimization of technical and technological objects of the processing industry			3	90	40	20	20		50		4						
MC 14	Pedagogical practice		4	4	120				120				4					
Together for all cycles of mandatory components of professional training				22	660	240	120	120		420	8	8	8	4	0	0	0	
Together for all cycles of the main part of the plan				45	1350	540	230	310		810	23	23	8	4	0	0	0	
2. Elective educational disciplines																		
SC 1	Professional selective discipline 1*		3	5	150	50	20	30		100			5					
SC 2	Professional selective discipline 2*		3	5	150	50	20	30		100			5					
SC 3	Professional selective discipline 3*		3	5	150	50	20	30		100			5					
All at the choice of the graduate student				15	450	150	60	90	0	300			15	0				
Together according to the cycles of normative and variable parts				60	1800	690	290	400	0	1110	23	23	23	4	0	0	0	
		Total number of exams							12		4	4	4	0	0	0	0	
		The total number of credits							5		2	2	1	0	0	0	0	
		Number of practices							1		0	0	0	1	0	0	0	

*List of specialized optional disciplines SC1-SC3

Resource-saving and ecological technologies
 Innovation engineering
 Non-traditional food raw materials
 Heat and mass exchange processes and biochemical transformations in food systems
 Scientific research work (seminars on the topic of the dissertation)
 Safety and quality of products and goods

Developed by:

Working group

Guarantor of ESP

 Oksana MELNYK

Dean of the Faculty

 Natalia BOLHOVA

Head of the Department of Postgraduate Studies and Doctoral Studies

 Svitlana YAROSCHUK

Agreed:


Vice-rector for scientific and pedagogical and educational work

 Ihor KOVALENKO

Vice-rector for scientific and international affairs activity

 Yurii DANKO

Head of the educational department

 Natalia KOLODNENKO