

Chairman of the council, rector _____ Volodymyr Ladyka

CURRICULUM

master's studies 20__ year of admission

The master's program is implemented:
Bio-technology faculty

Level of higher education: **Second (master's level)**

Degree of higher education:

Master's degree

Field of knowledge: **20 "Agrarian sciences and food"**

Specialty: **204 "Technology of production and processing of livestock products"**

Educational program: **"Aquaculture"**

Form of education: **full-time**

Study period: **1 year 4 months**

Qualification: **Master's degree in the Technology of Production and Processing of Livestock Products**

I. SCHEDULE OF THE EDUCATIONAL PROCESS*

Course	September				October				November				December					January					February					March					April			
	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		
1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	AW	S	S	V	V	V	T	T	T	T	T	T	T	T	T	T	T	T	T		
2	T	T	T	T	T	T	T	T	T	T	T	S	S	A	A	A	A	A																		

May					June		July					August					
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
T	T	AW	S	S	RP	RP	RP	RP	RP	V	V	V	V	V	V	V	V

* - for full-time education

DESIGNATION: T – theoretical training; AW - assessment week; S – examination session; RP – research practice; V - vacation; A – final attestation;

II. SUMMARY OF TIME BUDGET DATA, weeks

Course	Theoretical study	Examination period	Practice	Final certification	Holiday	Total
1	30	6	5		11	52
2	11	2		5		18
Total	41	8	5	5	11	70

III. PRACTICE

Practice title	Semester	Weeks
Research	2	5

IV. FINAL CERTIFICATION

The name of the academic discipline	Final attestation form (exam, diploma project (work))	Semester
-	Qualification exam, Qualification work	3

V. EDUCATIONAL PROCESS PLAN

Module	Distribution by semesters				Number of credits ECTS	Number of hours						Distribution of hours per week by courses and semesters			
	Exams	Credits	Courses			The total amount	In total	Auditory			Independent work	1 course		2 course	
			Projects	Work				including:				Semester			
								Lectures	Practical	Laboratory		1	2	3	
												Number of weeks in the semester			
											15	15	11		
Mandatory educational components															
MC 1. Methodology and organization of scientific research	1				5	150	60	30		30	90	4			
MC 2. Production management, business organization and personnel management in animal husbandry	1				5	150	60	30	30		90		4		
MC 3. Modern technologies of fodder and feed additives	1				5	150	60	30		30	90	4			
MC 4. Innovative technologies for the production of animal husbandry products	1				5	150	60	30		30	90		4		
MC 5. Breeding of farm animals	1				5	150	74	30		44	76	5			
MC 6. Innovative technologies for processing livestock products	1				5	150	60	30		30	90		4		
MC 7. Aquaculture of artificial and natural reservoirs	1				5	150	120	60		60	30	4	4		
MC 8. Hydroecology	2				5	150	54	22		32	96			5	
MC 9. Aquaculture processing technology	1		1		5	150	60	30		30	90		4		
MC 11. <i>Research practice</i>					10	300									
MC 12. <i>Final certification</i>	3				10	300									
Total mandatory components			1		65	1950	608	292	30	286	742	21	20	5	
Elective educational components*															
EC 1. Philosophical problems in biology		2			5	150	44	22	22		106			4	
EC 2. Civil Defence		2			5	150	44	22		22	106			4	
EC 3. The raw material base of the fish farming industry		2			5	150	30	14		16	120		2		
EC 4. Fishery		2			5	150	44	22		22	106			4	
EC 5. Ornamental fish farming		2			5	150	44	22		22	106			4	
EC 6. Agrarian policy		2			5	150	44	22	22		106			4	
EC 7. Ichthyopathology		2			5	150	44	22	22		106			4	
EC 8. Aquatic microbiology		2			5	150	44	22	22		106			4	
EC 9. Standardization of aquaculture products		2			5	150	44	22	22		106			4	

Module	Distribution by semesters				Number of credits ECTS	Number of hours						Distribution of hours per week by courses and semesters			
	Exams	Credits	Courses			The total amount	Auditory			Independent work	1 course		2 course		
			Projects	Work			In total	including:			Semester				
								Lectures	Practical		Laboratory	1	2	3	
												Number of weeks in the semester			
15	15	11													
EC 10. Basics of fish protection and fisheries legislation		2			5	150	44	22	22		106			4	
EC 11. Fish genetics		2			5	150	44	22	22		106			4	
EC 12. Bioresources of the hydrosphere and their use		2			5	150	44	22	22		106			4	
Total elective components					25	750	206	102	22	82	544	0	2	16	
In total					90	2700	814	394	52	368	1286	21	22	21	

Developed by:

Dean of the Faculty

Victoria Vechorka

Guarantor of the
master's program

Victoria Vechorka

Approved by the Academic Council of the Biological and
Technological Faculty (protocol No.)

Agreed:

Vice-rector for scientific and
pedagogical

and educational work, doctor of
biological sciences, prof.

Ihor Kovalenko

Head of the educational department

Natalia Kolodnenko