

CURRICULUM
Year of study: 1 (2021/2022)

I. Compulsory Courses

No.	Disciplines	Formative Category	Cod	Semester 1 (14 weeks)						Semester 2 (14 weeks)						
				No.hours/week						No.hours/week						
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV	
1	Anatomy, histology, embryology	DF	0301010101	2		2			5	E						
2	Biochemistry 1	DF	0301010102	2		2			6	E						
3	Biophysics	DF	0301010103	2	2				5	E						
4	Computer science	DF	0301010104	1	2				4	V						
5	Ecology and environmental protection	DF	0301010105	2		2			5	E						
6	Academic ethics and integrity	DD	0301010106	1	1				3	V						
7	Physical Education 1	DC	0301010107		1				1	V						
8	Foreign languages 1	DC	0301010108	1	1				1	V						
9	Biochemistry 2	DF	0301010109								2		2		4	E
10	Mathematics and statistics	DF	0301010110								2	2			4	V
11	Cell biology	DF	0301010111								2		2		4	V
12	Ethology	DD	0301010112								1		1		3	E
13	Physical Education 2	DC	0301010113									1			1	V
14	Foreign languages 2	DC	0301010114								1	1			1	V
15	Practice 1	DS	0301010115								3 weeks (90 hours)				3	C
Total: hours/credits/week				11	7	6	0		4E,4V	8	4	5	0		2E,4V	
Total: hours/credits/week				24				30		17				20	1C	
II.Optional courses* Animal sciences																
16	Comparative anatomy	DF	0301010216								2		2		4	E
17	Fodder production and preservation	DD	0301010217								2		2		3	E
18	General agriculture	DD	0301010218								2		2		3	E
Total: hours/credits/week				0	0	0	0	0	4E,4V	6	0	6	0	10		
Total / semester / year				24				30		12				30	5E,4V	
II.Optional courses* Fish farming and aquaculture																
19	Ichthyology	DF	0301010219								2		2		4	E
20	Aquatic botany	DD	0301010220								2		2		3	E
21	Aquatic zoology	DD	0301010221								2		2		3	E
Total: hours/credits/week				0	0	0	0	0	4E,4V	6	0	6	0	10		
Total / semester / year				0						12					5E,4V	
Total / semester / year				24				0		29				30	1C	
III Elective courses																
22	Ergonomics and safety at work	DU/DD	0301010322	1		1			2	V						
23	Tractor driving	DU/DD	0301010323								1		1		2	V
24	Zoology	DU/DD	0301010324	2					2	V						
25	Psychology of education	DC	0301010325	2	2				5	E						
26	Pedagogy I**	DC	0301010326								2	2			5	E

* The optionals are chosen according to the specialization that the student is targeting

** Compulsory for DPPD

CURRICULUM
Year of study: 2 (2022/2023)

I. Compulsory Courses

No.	Disciplines	Formative	Cod	Semester 1 (14 weeks)						Semester 2 (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV
1	Operation of livestock and fishing machinery and installations	DD	0301020101	3		3	1	5	E						
2	Animal Physiology 1	DF	0301020102	2		2		5	E						
3	Genetics 1	DF	0301020103	2		2		5	E						
4	Animal reproduction 1	DD	0301020104	2		2		5	E						
5	Bioethics	DU/DD	0301020105	2				3	V						
6	Technology of combined feed production	DU/DD	0301020106	1		1		3	V						
7	Nutrition	DD	0301020107							2		2		4	E
8	Microbiology	DF	0301020108							2		2		3	E
9	Practice 2	DS	0301020109							3 săptămâni (90 ore)				3	C
Total: hours/credits/week				12	0	10	1	26	4E,2V	4	0	4	0	10	1E
Total /semester				23						8					

II. Optional courses * Animal science

10	Zootechnical constructions	DD	0301020210	2		2	1	4	E						
11	Animal Physiology 2	DF	0301020211							2		2		4	E
12	Genetics 2	DF	0301020212							2		2		4	E
13	Animal reproduction 1	DD	0301020213							2		2		4	E
14	Technology of beekeeping production	DS	0301020214							2		2	1	4	E
15	Technology of rabbit breeding and fur animals	DS	0301020215							2		2		4	V
Total: hours/credits/week				2	0	2	1	4		10	0	10	1	20	
Total /semester				5						21					
Total /year				28						29					

II. Optional courses * Fisheries and aquaculture

16	Hydrology and watershed development	DD	0301020216	2		2	1	4	E						
17	Physiology of aquatic organisms	DF	0301020217							2		2		4	E
18	Genetics of fish	DF	0301020218							2		2		4	E
19	Reproduction of aquatic organisms	DD	0301020219							2		2		4	E
20	Cyprinid growing technology	DS	0301020220							2		2	1	4	E
21	Aquaculture facilities and constructions	DD	0301020221							2		2		4	V
Total: hours/credits/week				2	0	2	1	4		10	0	10	1	20	
Total /semester				5						21					
Total /year				28						29					

III. Elective courses

22	Foreign languages	DC	0301020322	2				1	V						
23	Communication	DU/DD	0301020323							1		1		2	V
24	Physical Education 1	DC	0301020324			1		3	V						
25	Physical Education 2	DC	0301020325									1		3	V
26	Pedagogy II**	DC	0301020326	2	2			5	E						
27	Didactics of the specialty**	DC	0301020327							2	2			5	E

* The optionals are chosen according to the specialization that the student is targeting

** Compulsory for DPPD

CURRICULUM
Year of study: 3 (2023/2024)

I. Compulsory courses

No.	Disciplines	Formative	Cod	Semester 1 (14 weeks)						Semester 2 (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV
1	Fish breeding	DD	0302030101	2		2		4	E						
2	Fish hygiene	DD	0302030102	2		2		4	V						
3	Ichthyopathology	DD	0302030103	2		2		5	E						
4	Nutrition of aquatic organisms	DD	0302030104	2		2	1	5	E						
5	Special aquaculture 1	DS	0302030105	2		2		4	E						
6	Hydrobiology	DU/DD	0302030106	2		2			E						
7	Salmon farming	DS	0302030107							2		2	1	5	E
8	Aquaristics	DD	0302030108							1		2		3	E
9	Sturgeon culture	DS	0302030109							2		2	1	5	E
10	Special aquaculture 2	DS	0302030110							2		2		4	E
11	Water and soil chemistry	DU/DD	0302030111							2		2		3	V
12	Topography and cartography	DD	0302030112							2		2		3	V
13	Practice 3	DS	0302030113							3 săptămâni (90 ore)				3	C
Total: hours/credits/week				12	0	12	1		5E,1V	11	0	12	2		4E,2V
Total / semester / year				25				22		25				26	1C
II. Optional courses															
14	Natural reservations	DS	0302030214	2		2		3	V						
15	Genetic engineering	DU/DS	0302030215												
16	Integrated agro-fish farms	DU/DD	0302030216							1		2		3	V
17	Palmipeds culture	DU/DD	0302030217												
				2	0	2	0	3		1	0	2	0	3	
Total: hours/credits/week				4					5E,2V	3					4E,3V
Total / semester / year				29				25		28				29	1C
III. Elective courses															
18	Companion Animals	DS	0302030318	2				2	V						
19	Agrofitotehnie	DD	0302030319	1		1		2	V						
20	Beekeeping and sericulture	DS	0302030320							2		1		2	V
21	Car driving 1	DU/DD	0302030321	1		2		2	V						
22	Car driving 2	DU/DD	0302030322							1		2		2	V
23	Computer assisted training*	DC	0302030323	1	1			2	C						
24	Teaching Practice in Compulsory Pre-university Education 1*	DC	0302030324		3			3	C						
25	Teaching Practice in Compulsory Pre-university Education 2*	DC	0302030325								3			2	C
26	Classroom Management*	DC	0302030326							1	1			3	E
DPPD Module Graduation Exam Level 1														5	E

* Compulsory for DPPD

CURRICULUM
Year of study: 4 (2024/2025)

I. Compulsory courses

No	Disciplines	Formative category	Cod	Semester 1 (14 weeks)						Semester 2 (14 weeks)					
				No.hours/week						No.hours/week					
				C	S	L	P	Cr	FV	C	S	L	P	Cr.	FV
1	Processing of aquaculture products	DS	0302040101	2		2		7	E						
2	Experimental technique	DD	0302040102	2		2		4	V						
3	Fishing gear and techniques	DD	0302040103	2		2		6	E						
4	Raising predatory fish	DS	0302040104	2		2		5	E						
5	Economics applied to animal husbandry	DS	0302040105	2		2		5	E						
6	Raw materials of animal origin	DU/DD	0302040106							2		2		4	V
7	Exploitation of fish stock in natural and artificial pools	DS	0302040107							2		2		4	E
8	Superintensive aquatic cultures	DS	0302040108							2		2		4	E
9	Management	DD	0302040109							2		2	1	5	E
10	Sport fishing and recreational	DS	0302040110							1		2		4	E
11	Marketing	DD	0302040111							1		1		3	V
12	Accounting and financial analysis	DC	0302040112							1		1		3	V
13	Practice for the elaboration of the diploma project	DS	0302040113											3	C
Total: hours/credits/week				10	0	10	0		4E,1V	120 ore				3	4E,3V
Total / semester / year				20				27		24				30	1C

II. Optional courses

14	Animal product technology	DS	0302040214	1		2		3	V						
15	Financing in aquaculture	DU/DS	0302040215												
				1	0	2	0	3		0	0	0	0	0	
Total: hours/credits/week				3					4E,2V	0					4E,3V
Total / semester / year				23				30		24				30	1C

III. Elective courses

16	Associative forms in agriculture	DU/DS	0302020316							1		1		3	V
17	Consulting and technological design	DS	0302020317	1		1		3	V						
18	Preparation of European funding projects	DU/DS	0302040318	1	2			3	V						
19	Chinology	DU/DS	0302060319							2				1	V

IV. Graduation exam/Passing the graduation exam

		DD												10	E
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