

To consider in the plan	Index	Name	Form of control					number of credits		Total number of acad.hours								1st year		2nd Year		Responsible academic department	
			Examination	Credit	Graded test	Term project	Course work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Rewrite work	number of credits	number of credits	number of credits	number of credits	Code	Name		
<b>Box 1.Discipline (modules)</b>																							
<b>Mandatory part</b>																							
+	B1.O.01	Philosophy and methodology of scientific research	1					3	3	108	108	46.8	30	28	33.2	3				72	Philosophy and cultural studies		
+	B1.O.02	Professional foreign language		1	2			4	4	144	144	65.2	60	78.8		2	2			73	Foreign languages		
+	B1.O.03	Digital technologies in professional activity	1					4	4	144	144	64.8	60	46	33.2	4				11	Ichthyology and ecology		
+	B1.O.04	Human resource management		2				2	2	72	72	44.6	30	27.4			2			69	Human resource management in industries and complexes		
+	B1.O.05	Modern problems and prospects of aquaculture development			1			2	2	72	72	48.6	46	23.4		2				12	Aquaculture		
+	B1.O.06	Fish diseases			1			2	2	72	72	48.6	46	23.4		2				13	Ichthyology and ecology		
+	B1.O.07	Management of aquatic bioresources	2				2	7	7	252	252	113.8	106	105	33.2		7			11	Ichthyology and ecology		
+	B1.O.08	Basics of professional disciplines teaching		3				2	2	72	72	44.6	30	27.4			2			11	Ichthyology and ecology		
+	B1.O.09	Economics and management of fisheries		1				2	2	72	72	46.6	30	25.4		2				63	Economics of agriculture and fishery		
+	B1.O.10	A system of organization for fishery research		2				2	2	72	72	32.6	30	39.4			2			11	Ichthyology and ecology		
+	B1.O.11	Assessment of the impact on the environment	1				1	4	4	144	144	53.8	46	57	33.2	4				11	Ichthyology and ecology		
+	B1.O.12	Pasturable aquaculture	3				3	4	4	144	144	53.8	46	57	33.2			4		12	Aquaculture		
+	B1.O.13	Systems analysis in fisheries research		1				2	2	72	72	32.6	30	39.4		2				11	Ichthyology and ecology		
									40	40	1440	1440	696.4	590	577.6	166	21	13	6				
<b>The part formed by the participants of educational relations</b>																							
+	B1.V.01	Fisheries oceanography		1				2	2	72	72	48.6	46	23.4		2				11	Ichthyology and ecology		
+	B1.V.02	General parasitology	2					3	3	108	108	34.8	30	40	33.2		3			13	Ichthyopathology and Hydrobiology		
+	B1.V.03	Commercial fish farming (Master's course)	2					3	3	108	108	34.8	30	40	33.2		3			12	Aquaculture		
+	B1.OO.01	Optional disciplines (modules) 1 (OD.1)	3					3	3	108	108	64.8	60	10	33.2			3					
+	B1.OO.01.01	Diseases of aquatic organisms in aquaculture	3					3	3	108	108	64.8	60	10	33.2			3		13	Ichthyopathology and Hydrobiology		
-	B1.OO.01.02	Diseases of fishery aquatic organisms	3					3	3	108	108	64.8	60	10	33.2			3		13	Ichthyopathology and Hydrobiology		
+	B1.OO.02	Optional disciplines (modules) 2 (OD.2)			3			3	3	108	108	48.6	46	59.4				3					
+	B1.OO.02.01	The farming of aquatic organisms in recirculating aquaculture system (RAS)			3			3	3	108	108	48.6	46	59.4				3		12	Aquaculture		
-	B1.OO.02.02	Industrial fish farming			3			3	3	108	108	48.6	46	59.4				3		12	Aquaculture		
+	B1.OO.03	Optional disciplines (modules) 3 (OD.3)	3				3	4	4	144	144	67.8	60	43	33.2				4				
+	B1.OO.03.01	Complex coastal management	3				3	4	4	144	144	67.8	60	43	33.2				4	11	Ichthyology and ecology		
-	B1.OO.03.02	Rational use of aquatic biological resources	3				3	4	4	144	144	67.8	60	43	33.2				4	11	Ichthyology and ecology		
+	B1.OO.04	Optional disciplines (modules) 4 (OD.4)		3				2	2	72	72	44.6	30	27.4				2					
+	B1.OO.04.01	Fisheries of Russia		3				2	2	72	72	44.6	30	27.4				2		11	Ichthyology and ecology		
-	B1.OO.04.02	Fisheries of the region		3				2	2	72	72	44.6	30	27.4				2		11	Ichthyology and ecology		
									20	20	720	720	333	288	254.2	132.8	2	6	12				
									60	60	2160	2160	1029.4	878	831.8	298.8	23	19	18				
<b>Box 2.Practice</b>																							
<b>Mandatory part</b>																							
+	B2.O.01	Study practice			2			12	12	432	432	432					12						
+	B2.O.01.01(Study practice)	Technological practice			2			12	12	432	432	432					12			10	Faculty of bioresources and nature management		
+	B2.O.02	Industrial placement			12344			42	42	1512	1512	1512				3	3	6	30				
+	B2.O.02.01(Scientific research-SR)	Research work			123			12	12	432	432	432				3	3	6		10	Faculty of bioresources and nature management		
+	B2.O.02.02(Industrial)	Technological practice			4			21	21	756	756	756							21	10	Faculty of bioresources and nature management		
+	B2.O.02.03(Scientific research-SR)	Research work			4			9	9	324	324	324							9	10	Faculty of bioresources and nature management		
									54	54	1944	1944	1944			3	15	6	30				
									54	54	1944	1944	1944			3	15	6	30				
<b>Box 3.State final attestation</b>																							
+	B3.01	Writing and defence of final qualifying project (thesis)						6	6	216	216					216				6	10	Faculty of bioresources and nature management	
									6	6	216	216			216				6				
									6	6	216	216			216				6				
<b>OC.Optional courses</b>																							
+	OC.01	Speaking workshop in a foreign language (English)		1				2	2	72	72	30.6	30	41.4		2							
+	OC.02	Speaking workshop in a foreign language (German)		1				2	2	72	72	30.6	30	41.4		2							
									4	4	144	144	61.2	60	82.8		4						
									4	4	144	144	61.2	60	82.8		4						