-	-	-	-	Form of control						number of credits		Total number of acad.hours						1st year		2nd Year		3rd Year		4th Year		Responsible academic department	
																		1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester		
To consider in the plan	Index	Name	Box/part	Examination	Credit	Graded test	Term project	Course work	Review work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Review work	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	Code	Name
Box 1.Discipline (modules)																											
Mandatory part																											
+	B1.O. 01	**Socio-humanitarian module**	**B1.O**	**13**	**6**					11	**11**	**396**	**396**	**142.2**	**96.2**	**169.4**	**84.4**	4		4			3				
+	B1.O.01.01	History	B1.O	1						4	4	144	144	48.8	32.8	53	42.2	4								71	History
+	B1.O.01.02	Philosophy	B1.O	3						4	4	144	144	48.8	32.8	53	42.2			4						72	Philosophy and cultural studies
+	B1.O.01.03	Economics and management of an enterprise in the sphere of fishery	B1.O		6					3	3	108	108	44.6	30.6	63.4							3			63	Economics of agriculture and fishery
+	B1.O.02	**Module "Fundamentals of business communication"**	**B1.O**		**123**	**24**				10	**10**	**360**	**360**	**219**	**209**	**141**		2	4	2	2						
+	B1.O.02.01	Russian language and culture of speech	B1.O		2					2	2	72	72	32.6	30.6	39.4			2							76	Russian language
+	B1.O.02.02	Foreign language	B1.O		13	24				8	8	288	288	186.4	178.4	101.6		2	2	2	2					73	Foreign languages
+	B1.O.03	**Module "Safe conditions of vital activities"**	**B1.O**	**3**						4	**4**	**144**	**144**	**64.8**	**62.8**	**37**	**42.2**			4							
+	B1.O.03.01	Life safety	B1.O	3						4	4	144	144	64.8	62.8	37	42.2			4						23	Life safety
+	B1.O.04	**Module "Physical culture and sport"**	**B1.O**		**16**					2	**2**	**72**	**72**	**32.6**	**32.6**	**39.4**		1					1				
+	B1.O.04.01	Basics of physical culture	B1.O		1					1	1	36	36	16.3	16.3	19.7		1								74	Physical culture
+	B1.O.04.02	Physical self-improvement	B1.O		6					1	1	36	36	16.3	16.3	19.7							1			74	Physical culture
+	B1.O.05	**Mathematical and natural science module**	**B1.O**	**2235**	**112334**	**1**			**12223 33**	33	**33**	**1188**	**1188**	**559.4**	**485.4**	**459.8**	**168.8**	8	9	9	3	4					
+	B1.O.05.01	**Mathematics**	**B1.O**	**2**	**13**	**1**			**1223**	13	**13**	**468**	**468**	**230.6**	**184.6**	**195.2**	**42.2**	6	4	3							
+	B1.O.05.01.01	Algebra and geometry	B1.O			1			1	4	4	144	144	60.6	44.6	83.4		4								81	Calculus
+	B1.O.05.01.02	Mathematical analysis	B1.O	2	1				22	6	6	216	216	109.4	93.4	64.4	42.2	2	4							81	Calculus
+	B1.O.05.01.03	Probability theory and mathematical statistics	B1.O		3				3	3	3	108	108	60.6	46.6	47.4				3						81	Calculus
+	B1.O.05.02	Informatics	B1.O	2	1					5	5	180	180	69.4	65.4	68.4	42.2	2	3							82	Computer science and information technology
+	B1.O.05.03	Physics	B1.O	3	2				23	5	5	180	180	99.4	95.4	38.4	42.2		2	3						83	Physics
+	B1.O.05.04	Chemistry	B1.O		3				3	3	3	108	108	48.6	46.6	59.4				3						84	Chemistry
+	B1.O.05.05	Research methods	B1.O		4					3	3	108	108	46.6	30.6	61.4					3					21	Commercial fishing
+	B1.O.05.06	Information technologies in fishery	B1.O	5						4	4	144	144	64.8	62.8	37	42.2					4				21	Commercial fishing
+	B1.O.06	**General professional module**	**B1.O**	**112**	**124**	**1**				25	**25**	**900**	**900**	**398.8**	**384.8**	**383.6**	**117.6**	14	8		3						
+	B1.O.06.01	Introduction into a profession	B1.O			1				3	3	108	108	62.6	60.6	45.4		3								21	Commercial fishing
+	B1.O.06.02	Biology of aquatic organisms	B1.O		1					3	3	108	108	46.6	44.6	61.4		3								11	Ichthyology and ecology
+	B1.O.06.03	Commercial oceanology	B1.O	1						4	4	144	144	64.8	62.8	37	42.2	4								21	Commercial fishing
+	B1.O.06.04	Ecology of hydrobionts	B1.O		2					3	3	108	108	46.6	44.6	61.4			3							11	Ichthyology and ecology
+	B1.O.06.05	Fishing vessels	B1.O	1						4	4	144	144	64.8	62.8	37	42.2	4								21	Commercial fishing
+	B1.O.06.06	Fishing materials	B1.O	2						5	5	180	180	80.8	78.8	66	33.2		5							21	Commercial fishing
+	B1.O.06.07	Aquaculture basics	B1.O		4					3	3	108	108	32.6	30.6	75.4					3					12	Aquaculture
+	B1.O.07	**Professional module**	**B1.O**	**44668**	**334556**		**4**	**466**		43	**43**	**1548**	**1548**	**750.6**	**658.6**	**586.4**	**211**			7	12	6	14		4		
+	B1.O.07.01	Design and operation of fishing gears	B1.O	4	3			4		9	9	324	324	158.4	140.4	123.4	42.2			4	5					21	Commercial fishing
+	B1.O.07.02	Technology of construction of fishing tools	B1.O	4	3		4			7	7	252	252	115.4	111.4	94.4	42.2			3	4					21	Commercial fishing
+	B1.O.07.03	Maritime and fishing law	B1.O		4					3	3	108	108	60.6	46.6	47.4					3					21	Commercial fishing
+	B1.O.07.04	Fishing schemes and mechanisms	B1.O	6	5			6		9	9	324	324	158.4	142.4	123.4	42.2					3	6			21	Commercial fishing
+	B1.O.07.05	Rational exploitation of hydrobionts of the World ocean	B1.O	6	5			6		8	8	288	288	126.4	110.4	119.4	42.2					3	5			21	Commercial fishing
+	B1.O.07.06	Technical means of aquaculture	B1.O		6					3	3	108	108	74.6	60.6	33.4							3			21	Commercial fishing
+	B1.O.07.07	World fishery	B1.O	8						4	4	144	144	56.8	46.8	45	42.2								4	21	Commercial fishing
										128	*128*	*4608*	*4608*	*2167.4*	*1929.4*	*1816.6*	*624*	*29*	*21*	*26*	*20*	*10*	*18*		*4*		
The part formed by the participants of educational relations																											
+	B1.OO.01	**Elective modules**	**B1.V**	**234556688**	**45568**		**8**	**566**		55	**55**	**1980**	**1980**	**917**	**863**	**710.2**	**352.8**		5	4	7	15	10		14		
+	B1.OO.01.01	**Optional module 1. Fishing equipment and technology**	**B1.V**	**234556688**	**45568**		**8**	**566**		55	**55**	**1980**	**1980**	**917**	**863**	**710.2**	**352.8**		5	4	7	15	10		14		
+	B1.OO.01.01.01	Basics of maritime business	B1.V	2						5	5	180	180	94.8	92.8	43	42.2		5							21	Commercial fishing
+	B1.OO.01.01.02	The basic technology of preservation of catch	B1.V	3						4	4	144	144	64.8	62.8	46	33.2			4						21	Commercial fishing
+	B1.OO.01.01.03	Commercial resources of hydrobionts	B1.V	4						5	5	180	180	64.8	62.8	73	42.2				5					21	Commercial fishing
+	B1.OO.01.01.04	Design principles of fishing machines	B1.V	5	4			5		7	7	252	252	130.4	126.4	79.4	42.2				2	5				21	Commercial fishing
+	B1.OO.01.01.05	Control devices for fishing gears and fish finding	B1.V	5						4	4	144	144	62.6	60.6	39.2	42.2					4				21	Commercial fishing
+	B1.OO.01.01.06	Mechanization of fishing processes	B1.V	6	5			6		6	6	216	216	100.4	96.4	82.4	33.2					3	3			21	Commercial fishing
+	B1.OO.01.01.07	Mechanics of fishing tools	B1.V	6	5			6		7	7	252	252	130.4	126.4	79.4	42.2					3	4			21	Commercial fishing
+	B1.OO.01.01.08	World fish market	B1.V		6					3	3	108	108	66.6	64.6	41.4							3			21	Commercial fishing
+	B1.OO.01.01.09	Tactics of hydrobionts catch	B1.V		8					3	3	108	108	56.6	46.6	51.4									3	21	Commercial fishing
+	B1.OO.01.01.10	Basics of fishing tools design	B1.V	8			8			7	7	252	252	88.8	76.8	121	42.2								7	21	Commercial fishing
+	B1.OO.01.01.11	Basics of entrepreneurship	B1.V	8						4	4	144	144	56.8	46.8	54	33.2								4	67	Industry logistics, marketing and commerce
-	B1.OO.01.02	**Optional module 2. Management in fishery**	**B1.V**	**234555688**	**45668**		**5**	**8**		55	**55**	**1980**	**1980**	**877**	**795**	**750.2**	**352.8**		5	4	7	16	9		14		
-	B1.OO.01.02.01	Basics of maritime business	B1.V	2						5	5	180	180	94.8	92.8	43	42.2		5							21	Commercial fishing
-	B1.OO.01.02.02	The basic technology of preservation of catch	B1.V	3						4	4	144	144	64.8	62.8	46	33.2			4						21	Commercial fishing
-	B1.OO.01.02.03	Fishery monitoring systems	B1.V		4					2	2	72	72	32.6	30.6	39.4					2					21	Commercial fishing
-	B1.OO.01.02.04	Commercial resources of hydrobionts	B1.V	4						5	5	180	180	64.8	62.8	73	42.2				5					21	Commercial fishing
-	B1.OO.01.02.05	Economics	B1.V		5					3	3	108	108	46.6	30.6	61.4						3				64	Economic theory
-	B1.OO.01.02.06	Control devices for fishing gears and fish finding	B1.V	5						4	4	144	144	62.6	60.6	39.2	42.2					4				21	Commercial fishing
-	B1.OO.01.02.07	Fishing for non-fish objects	B1.V	5			5			5	5	180	180	72.8	70.8	74	33.2					5				21	Commercial fishing
-	B1.OO.01.02.08	Protection of aquatic biological resources	B1.V	5						4	4	144	144	64.8	62.8	28	51.2					4				21	Commercial fishing
-	B1.OO.01.02.09	World fish market	B1.V		6					3	3	108	108	66.6	64.6	41.4							3			21	Commercial fishing
-	B1.OO.01.02.10	Organization of service on fishing vessels	B1.V		6					2	2	72	72	46.6	30.6	25.4							2			21	Commercial fishing
-	B1.OO.01.02.11	Technical and economic analysis of the fishing enterprise activity	B1.V	6						4	4	144	144	68.8	66.8	42	33.2						4			65	Accounting, analysis and audit in industries and complexes
-	B1.OO.01.02.12	Tactics of hydrobionts catch	B1.V		8					3	3	108	108	56.6	46.6	51.4									3	21	Commercial fishing
-	B1.OO.01.02.13	Management of a fishing enterprise	B1.V	8				8		7	7	252	252	77.8	65.8	132	42.2								7	61	Production management
-	B1.OO.01.02.14	Basics of entrepreneurship	B1.V	8						4	4	144	144	56.8	46.8	54	33.2								4	67	Industry logistics, marketing and commerce
-	B1.OO.01.03	**Module of choice 3.Technical tools of aquaculture**	**B1.V**	**23455688**	**4556688**		**8**			55	**55**	**1980**	**1980**	**854.6**	**788.6**	**823.8**	**301.6**		5	4	7	15	10		14		
-	B1.OO.01.03.01	Basics of maritime business	B1.V	2						5	5	180	180	94.8	92.8	43	42.2		5							21	Commercial fishing
-	B1.OO.01.03.02	The basic technology of preservation of catch	B1.V	3						4	4	144	144	64.8	62.8	46	33.2			4						21	Commercial fishing
-	B1.OO.01.03.03	Features of fish behavior	B1.V		4					2	2	72	72	48.6	46.6	23.4					2					21	Commercial fishing
-	B1.OO.01.03.04	Commercial resources of hydrobionts	B1.V	4						5	5	180	180	64.8	62.8	73	42.2				5					21	Commercial fishing
-	B1.OO.01.03.05	Fundamentals of fish feed production	B1.V		5					3	3	108	108	48.6	46.6	59.4						3				21	Commercial fishing
-	B1.OO.01.03.06	Hydraulics	B1.V		5					3	3	108	108	48.6	46.6	59.4						3				21	Commercial fishing
-	B1.OO.01.03.07	Technology of mariculture	B1.V	5						5	5	180	180	64.8	62.8	73	42.2					5				21	Commercial fishing
-	B1.OO.01.03.08	Water treatment and water purification systems	B1.V	5						4	4	144	144	50.8	48.8	60	33.2					4				21	Commercial fishing
-	B1.OO.01.03.09	World fish market	B1.V		6					3	3	108	108	66.6	64.6	41.4							3			21	Commercial fishing
-	B1.OO.01.03.10	Organization of fish-breeding enterprises	B1.V	6						4	4	144	144	64.8	62.8	46	33.2						4			21	Commercial fishing
-	B1.OO.01.03.11	Specialization and unification of technical tools and gears in industrial aquaculture	B1.V		6					3	3	108	108	46.6	32.6	61.4							3			21	Commercial fishing
-	B1.OO.01.03.12	Recirculating aquaculture system installation	B1.V		8					3	3	108	108	48.6	46.6	59.4									3	21	Commercial fishing
-	B1.OO.01.03.13	Economic efficiency of aquaculture enterprises	B1.V		8					3	3	108	108	34.6	24.6	73.4									3	63	Economics of agriculture and fishery
-	B1.OO.01.03.14	Technological designing of an aquaculture enterprise	B1.V	8			8			4	4	144	144	50.8	40.8	51	42.2								4	21	Commercial fishing
-	B1.OO.01.03.15	Basics of entrepreneurship	B1.V	8						4	4	144	144	56.8	46.8	54	33.2								4	67	Industry logistics, marketing and commerce
+	B1.OO.02.	**Optional disciplines (modules) 2 (OD.2)**	**B1.V**		**2**					2	**2**	**72**	**72**	**32.6**	**30.6**	**39.4**			2								
+	B1.OO.02.01	Development of fishery complex in Russia	B1.V		2					2	2	72	72	32.6	30.6	39.4			2							71	History
-	B1.OO.02.02.	Development of the regional fishery complex	B1.V		2					2	2	72	72	32.6	30.6	39.4			2							71	History
+	B1.OO.03.	**Optional disciplines (modules) 3 (OD.3)**	**B1.V**		**5**					2	**2**	**72**	**72**	**32.6**	**30.6**	**39.4**						2					
+	B1.OO.03.01	Corporate culture in professional activity	B1.V		5					2	2	72	72	32.6	30.6	39.4						2				72	Philosophy and cultural studies
-	B1.OO.03.02	Professional ethics	B1.V		5					2	2	72	72	32.6	30.6	39.4						2				72	Philosophy and cultural studies

-	-	-	-	Form of control						number of credits		Total number of acad.hours						1st year		2nd Year		3rd Year		4th Year		Responsible academic department	
																		1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester		
To consider in the plan	Index	Name	Box/part	Examination	Credit	Graded test	Term project	Course work	Review work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Reviewew work	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	number of credits	Code	Name
+	B1.OD.04	**Optional disciplines (modules) 4 (OD.4)**	**B1.V**		**6**					2	**2**	**72**	**72**	**32.6**	**30.6**	**39.4**							2				
+	B1.OD.04.01	Professional computer programs and systems	B1.V		6					2	2	72	72	32.6	30.6	39.4							2			21	Commercial fishing
-	B1.OD.04.02	Fishery monitoring systems	B1.V		6					2	2	72	72	32.6	30.6	39.4							2			21	Commercial fishing
										61	*61*	*2196*	*2196*	*1014.8*	*954.8*	*828.4*	*352.8*		*7*	*4*	*7*	*17*	*12*		*14*		
										189	*189*	*6804*	*6804*	*3182.2*	*2884.2*	*2645*	*976.8*	*29*	*28*	*30*	*27*	*27*	*30*		*18*		
Box 2.Practice																											
Mandatory part																											
+	B2.O. 01	**Study practice**	**B2.O**			**24**				6	**6**	**216**	**216**	**216**	**216**				3		3						
+	B2.O.01.01(Study practice)	Introductory practice	B2.O			24				6	6	216	216	216	216				3		3					21	Commercial fishing
+	B2.O. 02	**Industrial placement**	**B2.O**			**678**				36	**36**	**1296**	**1296**	**1296**	**1296**								3	30	3		
+	B2.O. 02.01(Industrial)	Technology (engineering and technology) practice	B2.O			6				3	3	108	108	108	108								3			21	Commercial fishing
+	B2.O.02.02(Industrial)	Operational practices	B2.O			7				30	30	1080	1080	1080	1080									30		21	Commercial fishing
+	B2.O. 02.03(Scientific research-SR)	Research work	B2.O			8				3	3	108	108	108	108										3	21	Commercial fishing
										42	*42*	*1512*	*1512*	*1512*	*1512*				*3*		*3*		*3*	*30*	*3*		
										42	*42*	*1512*	*1512*	*1512*	*1512*				*3*		*3*		*3*	*30*	*3*		
Box 3.State final attestation																											
+	B3.01	Writting and defence of final qualifying project (thesis)	B3							9	9	324	324				324								9	21	Commercial fishing
										9	*9*	*324*	*324*				*324*								*9*		
										9	*9*	*324*	*324*				*324*								*9*		
OC.Optional courses																											
+	OC.01	Information and bibliographic culture	OC		3					2	2	72	72	16.6	16.6	55.4				2							
+	OC.02	Research seminar	OC		5					2	2	72	72	30.6	30.6	41.4						2					
										4	*4*	*144*	*144*	*47.2*	*47.2*	*96.8*				*2*		*2*					
										4	*4*	*144*	*144*	*47.2*	*47.2*	*96.8*				*2*		*2*					
Elective disciplines (modules) on physical culture and sport (ED on Ph C and S)																											
+	ED on Ph C and S..01	**Module "Physical culture and sport" (V)**	**OC on Ph C and S.**		**123456**							**330**	**330**	**330**	**330**												
+	ED on Ph C and S..01.01	Practical training in physical culture and sports (elective courses)	OC on Ph C and S.		123456							330	330	330	330											74	Physical culture
												330	*330*	*330*	*330*												
												330	*330*	*330*	*330*												