

Name	Form of assessment							Credits					Total academic hours								Assigned department			
	Examina- tion	Pass/ fail test	Pass/ fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work	Fact	As sheduled	Work with a teacher	Class- room	Self-study	Control	Year 1		Year 2		Year 3		Year 4		Code	Name	
														Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8			
Unit 1. Disciplines (modules)								207	7452	3446.4	3008	2981.85	1023.75	26	28	27	24	28	29	29	16			
Core part								170	6120	2900.25	2548	2373.75	846	26	26	27	22	20	26	23				
Socio-humanitarian module			11256	2				25	900	405.8	300	374.95	119.25	8	4	4		2	5	2				
History (history of Russia, general history)								4	144	48.25	30	53	42.75									71	Department of History	
Philosophy	3							4	144	48.25	30	53	42.75			4							72	Department of Philosophy and Culturology
Basics of sociocultural communication			11	2				6	216	96.45	90	119.55		4	2									
Culturology and intercultural communications	1							2	72	32.15	30	39.85		2									72	Department of Philosophy and Culturology
Psychology of communications	1							2	72	32.15	30	39.85		2									73	Department of Social sciences, pedagogy and law
Social science			2					2	72	32.15	30	39.85			2								73	Department of Social sciences, pedagogy and law
Basics of project activity			2					2	72	44.15	30	27.85			2								51	Department of Economics and finances
Law			5					2	72	32.15	30	39.85						2					73	Department of Social sciences, pedagogy and law
Economics			6					3	108	48.25	30	26	33.75						3				54	Department of Economic theory and instrumental methods
Management and marketing			6					2	72	44.15	30	27.85						2					52	Department of Management
Economy and management in an aquaculture enterprise			7					2	72	44.15	30	27.85							2				51	Department of Economics and finances
Module "Basics of business communications"			123	24				10	360	216.75	206	143.25		2	4	2	2							
Russian language and culture of speech			2					2	72	32.15	30	39.85				2							55	Department of Russian language
Foreign language			13	24				8	288	184.6	176	103.4		2	2	2	2						45	Department of Foreign languages
Module "Physical education and sport"			16					2	72	32.3	32	39.7		1					1					
Basics of PE			1					1	36	16.15	16	19.85		1									56	Department of Physical education
Physical self-perfection			6					1	36	16.15	16	19.85							1				56	Department of Physical education
Mathematical and natural science module			1134	12			12	30	1080	558.75	524	352.5	168.75	10	13	5	2							
Informatics	1							3	108	48.25	44	26	33.75	3									13	Department of Applied mathematics and information technologies
Mathematics	2			1			12	6	216	113	106	69.25	33.75	3	3								13	Department of Applied mathematics and information technologies
Ecology	2	1						5	180	96.4	90	49.85	33.75	2	3								44	Department of Water bioresources and aquaculture
Zoology	2	1						6	216	126.4	120	55.85	33.75	2	4								44	Department of Water bioresources and aquaculture
Organic and biological chemistry	3			2				6	216	110.4	104	71.85	33.75			3	3						35	Department of Chemistry
Theory of evolution			3					2	72	32.15	30	39.85					2						44	Department of Water bioresources and aquaculture
Zoological geography of fish	4							2	72	32.15	30	39.85					2						44	Department of Water bioresources and aquaculture
Module "Safe living environment"			3					7	252	106.4	90	111.85	33.75			3			4					
Sustainable environmental management			3					3	108	44.15	30	63.85					3						44	Department of Water bioresources and aquaculture
Life safety			6					4	144	62.25	60	48	33.75						4				42	Department of Technosphere safety and environmental management
General professional module			12334	4566			446	53	1908	874.15	764	721.1	312.75	5	3	11	14	8	9	3				
Introduction to profession	1							3	108	46.25	30	28	33.75	3									44	Department of Water bioresources and aquaculture
Hydrology	2	1						5	180	96.4	90	49.85	33.75	2	3								44	Department of Water bioresources and aquaculture
Fish histology and embryology	3							4	144	48.25	44	53	42.75				4						44	Department of Water bioresources and aquaculture
Hydrobiology	3							4	144	64.25	60	46	33.75				4						44	Department of Water bioresources and aquaculture
Ichthyology	4	3			4			8	288	141.4	120	112.85	33.75			3	5						44	Department of Water bioresources and aquaculture
Microbiology			4					3	108	48.15	46	59.85					3						44	Department of Water bioresources and aquaculture
Biological foundations of fish farming	4				4			6	216	97.25	90	85	33.75				6						44	Department of Water bioresources and aquaculture
Fish physiology	5							4	144	64.25	60	46	33.75					4					44	Department of Water bioresources and aquaculture
Fish genetics and selection	6	5						5	180	66.4	60	79.85	33.75					2	3				44	Department of Water bioresources and aquaculture
Fishery legislation			5					2	72	46.15	30	25.85						2					44	Department of Water bioresources and aquaculture
Ichthyopathology	6				6			6	216	109.25	90	73	33.75						6				44	Department of Water bioresources and aquaculture
Ichthyotoxicology			7					3	108	46.15	44	61.85									3		44	Department of Water bioresources and aquaculture
Module "Ichthyology and fishery"			45677	2356		57	67	43	1548	706.1	632	630.4	211.5			2	2	4	10	7	18			
Information technologies in fishery			23					4	144	96.3	92	47.7				2	2						44	Department of Water bioresources and aquaculture
Fishery research methods	4							4	144	64.25	60	46	33.75				4						44	Department of Water bioresources and aquaculture
Fishery hydraulic engineering	7							4	144	64.25	60	46	33.75							4			44	Department of Water bioresources and aquaculture
Artificial fish reproduction	5				5			7	252	110.25	90	108	33.75					7					44	Department of Water bioresources and aquaculture
Sanitary hydrobiology			5					3	108	48.15	46	59.85						3					44	Department of Water bioresources and aquaculture
Raw material base of the fishing industry	6				6			4	144	51.25	44	59	33.75						4				44	Department of Water bioresources and aquaculture
Fish rearing for sale	7	6			7			9	324	144.4	120	145.85	33.75						3	6			44	Department of Water bioresources and aquaculture
Commercial ichthyology	7				7			8	288	127.25	120	118	42.75								8		44	Department of Water bioresources and aquaculture
Part formed by the educational process participants								37	1332	546.15	460	608.1	177.75			2		2	8	3	6	16		
Module "Ichthyology and fishery" (B)			5	467			5	11	396	187.7	150	174.55	33.75					2	4	3	2			
Commercial fishery			4					2	72	46.15	32	25.85					2						41	Department of Commercial fishery
Fish populations analysis	5				5			4	144	51.25	44	59	33.75					4					44	Department of Water bioresources and aquaculture
Sanitary hydraulic engineering			6					3	108	44.15	30	63.85							3				44	Department of Water bioresources and aquaculture
Mariaculture			7					2	72	46.15	44	25.85									2		44	Department of Water bioresources and aquaculture
Elective courses			2					2	72	32.15	30	39.85				2								
Development of Russian fishery complex			2					2	72	32.15	30	39.85											71	Department of History
Development of regional fishery complex			2					2	72	32.15	30	39.85											71	Department of History
Elective modules			5788	88		8		24	864	326.3	280	393.7	144					4		4	16			
Elective module 1. Water bioresources management and fishery protection			5788	88		8		24	864	326.3	280	393.7	144					4		4	16			
Environmental law	7							4	144	48.25	30	53	42.75								4		44	Department of Water bioresources and aquaculture
Environmental management in fisheries	8				8			6	216	75.25	60	107	33.75									6	44	Department of Water bioresources and aquaculture
Ecological and fishery expertise	8							4	144	54.25	50	56	33.75									4	44	Department of Water bioresources and aquaculture
Anthropogenic impact on aquatic ecosystems	5							4	144	64.25	60	46	33.75					4					44	Department of Water bioresources and aquaculture
Fishery monitoring			8					3	108	42.15	40	65.85										3	44	Department of Water bioresources and aquaculture
Fishery information analysis			8					3	108	42.15	40	65.85										3	44	Department of Water bioresources and aquaculture
Elective module 2. Aquaculture			6788	88		8		24	864	328.3	296	391.7	144						4	4	16			
Fish ethology	7							4	144	50.25	46	51	42.75								4		44	Department of Water bioresources and aquaculture
Basics of industrial aquaculture	8				8			6	216	75.25	60	107	33.75									6	44	Department of Water bioresources and aquaculture
Special methods of fish growing	8							4	144	54.25	50	56	33.75									4	44	Department of Water bioresources and aquaculture
Basics of hydrobiotics processing technology	6							4	144	64.25	60	46	33.75						4				44	Department of Water bioresources and aquaculture
Feeds and feeding in aquaculture			8					3	108	42.15	40	65.85										3	44	Department of Water bioresources and aquaculture
Lake fishery			8					3	108	42.15	40													

Technological practice			4						9	324	324							9						44	Department of Water bioresources and aquaculture	
On-the-job training			68						9	324	324															
Technological practice			6						3	108	108														44	Department of Water bioresources and aquaculture
Scientific research work			8						6	216	216														44	Department of Water bioresources and aquaculture
Unit 3. State final examination									9	324																
Execution and defense of the final qualification work									9	324															44	Department of Water bioresources and aquaculture
Elective courses									8	288	126.6	126	161.4													
Research seminar			5						2	72	30.15	30	41.85													
Information and bibliographic culture			3						2	72	16.15	16	55.85													
Practice-oriented course "Internet of things"			7	8					4	144	80.3	80	63.7													
Elective disciplines (modules) in Physical education and sport										330	330	330														
Module "Physical education and sport" (B)			246							330	330	330														
Practical training in PE and sport (elective course)			246							330	330	330													56	Department of Physical education