

Name	Forms of interim assessment						Credits	Total academic hours					Year 1		Year 2		Year 3		Year 4		Assigned department	
	Examination	Pass/fail exam	Pass/fail exam with a grade	Course work	Module test	Calculation and graphic work		Fact	As scheduled	Work with a teacher	Self study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		
							Credits						Credits	Credits	Credits	Credits	Credits	Credits	Credits			
Unit 1. Disciplines (modules)							204	7344	3713.25	2796.75	834	28	26	28	26	31	23	30	12			
Core part							123	4428	2173.35	1837.65	417	28	26	28	19	10	4	8				
Basis	1	1111134	22244				32	1152	710.05	407.2	34.75	15	7	2	8							
History of Russia		1	2				4	144	140.3	3.7		2	2							71	Department of History	
Basics of Russian statehood		1					2	72	59.15	12.85		2								73	Department of Social sciences, pedagogy and law	
Legal competence and civil position		1					2	72	35.15	36.85		2								73	Department of Social sciences, pedagogy and law	
Philosophy	1						4	144	36.25	73	34.75	4								72	Department of Philosophy and cultural studies	
Basics of self-organization, team building and leadership			2				3	108	70.15	37.85			3							52	Department of Management	
Life safety			4				4	144	70.15	73.85				4						42	Department of Technosphere safety and environmental management	
Pe and sport		4					2	72	16.15	55.85				2						56	Department of PE	
Economic culture		1					3	108	70.15	37.85		3								54	Кафедра Economic theory and instrumental methods	
Foreign language		13	24				8	288	212.6	75.4		2	2	2	2							
Foreign language		13	24				8	288	212.6	75.4		2	2	2	2					45	Department of Foreign languages	
Foreign language: Russian as a foreign language		13	24				8	288	212.6	75.4		2	2	2	2					55	Department of Russian language	
Digital module	2	1	3				9	324	160.55	128.7	34.75	2	4	3								
IT and basics of programming	2	1					6	216	107.4	73.85	34.75	2	4							13	Department of Applied mathematics and Information technologies	
Data analysis and artificial intelligence			3				3	108	53.15	54.85				3						13	Department of Applied mathematics and Information technologies	
Project module		3	4				5	180	75.3	104.7				3	2							
Social project "Service-learning"		3					3	108	35.15	72.85				3						51	Department of Economics and finances	
Basics of project activity			4				2	72	40.15	31.85				2						73	Department of Social sciences, pedagogy and law	
Mathematics and science module	1124		57			112	27	972	427.2	405.8	139	11	4		4	5		3				
Higher mathematics	12				12		9	324	143.1	111.4	69.5	5	4							13	Department of Applied mathematics and Information technologies	
Chemistry	1				1		6	216	71.55	109.7	34.75	6								35	Department of Chemistry	
Biometrics	4						4	144	71.25	38	34.75			4						44	Department of Water bioresources and aquaculture	
Genetics and fish breeding			5				5	180	88.15	91.85					5					44	Department of Water bioresources and aquaculture	
Economics of industrial aquaculture			7				3	108	53.15	54.85							3			51	Department of Economics and finances	
Module of field subjects	233345	2	67	3			46	1656	729.95	717.55	208.5		9	18	5	5	4	5				
Hydrology	2						6	216	89.25	92	34.75		6							44	Department of Water bioresources and aquaculture	
Biology of aquatic ecosystems	3	2					7	252	141.4	75.85	34.75		3	4						44	Department of Water bioresources and aquaculture	
Ichthyology	3			3			8	288	145.25	108	34.75			8						44	Department of Water bioresources and aquaculture	

Ecology	5					5	180	71.25	74	34.75					5				44	Department of Water bioresources and aquaculture
Physiology	3					6	216	71.25	110	34.75				6					44	Department of Water bioresources and aquaculture
Microbiology	4					5	180	71.25	74	34.75					5				44	Department of Water bioresources and aquaculture
Digital technologies in fisheries			6			4	144	70.15	73.85								4		44	Department of Water bioresources and aquaculture
Fisheries legislation			7			5	180	70.15	109.85								5		44	Department of Water bioresources and aquaculture
Self-development module (elective disciplines)		23				4	144	70.3	73.7				2	2						
Psychology of communication (Spring)		2				2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Psychology of communication (Autumn)		3				2	72	35.15	36.85					2					73	Department of Social sciences, pedagogy and law
Personal marketing and branding (Spring)		2				2	72	35.15	36.85				2						52	Department of Management
Personal marketing and branding (Autumn)		3				2	72	35.15	36.85					2					52	Department of Management
Cultural studies and intercultural communication (Spring)		2				2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Cultural studies and intercultural communication (Autumn)		3				2	72	35.15	36.85					2					72	Department of Philosophy and cultural studies
Human and society (Spring)		2				2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Human and society (Autumn)		3				2	72	35.15	36.85					2					73	Department of Social sciences, pedagogy and law
Organization of volunteer activities (Spring)		2				2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Organization of volunteer activities (Spring)		3				2	72	35.15	36.85					2					72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		2				2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		3				2	72	35.15	36.85					2					72	Department of Philosophy and cultural studies
Environmental culture (Spring)		2				2	72	35.15	36.85				2						44	Department of Water bioresources and aquaculture
Environmental culture (Autumn)		3				2	72	35.15	36.85					2					44	Department of Water bioresources and aquaculture
Skills of effective recruitment (Spring)		2				2	72	35.15	36.85				2						52	Department of Management
Skills of effective recruitment (Autumn)		3				2	72	35.15	36.85					2					52	Department of Management
Personal financial management (Spring)		2				2	72	35.15	36.85				2						51	Department of Economics and finances
Personal financial management (Autumn)		3				2	72	35.15	36.85					2					51	Department of Economics and finances
Basics of modern management (Spring)		2				2	72	35.15	36.85				2						52	Department of Management
Basics of modern management (Autumn)		3				2	72	35.15	36.85					2					52	Department of Management
Internet of things (Spring)		2				2	72	35.15	36.85				2						11	Department of Digital systems and automatics
Internet of things (Autumn)		3				2	72	35.15	36.85					2					11	Department of Digital systems and automatics
Starting your own business. Start-up (Spring)		2				2	72	35.15	36.85				2						51	Department of Economics and finances
Starting your own business. Start-up (Autumn)		3				2	72	35.15	36.85					2					51	Department of Economics and finances
Business communication in Russian (Spring)		2				2	72	35.15	36.85				2						55	Department of Russian language
Business communication in Russian (Autumn)		3				2	72	35.15	36.85					2					55	Department of Russian language
Differential equations (Spring)		2				2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Differential equations (Autumn)		3				2	72	35.15	36.85					2					13	Department of Applied mathematics and Information technologies
Numerical methods (Spring)		2				2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Numerical methods (Autumn)		3				2	72	35.15	36.85					2					13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Spring)		2				2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Autumn)		3				2	72	35.15	36.85					2					13	Department of Applied mathematics and Information technologies

Theory of functions of a complex variable (Spring)		2				2	72	35.15	36.85			2						13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Autumn)		3				2	72	35.15	36.85			2						13	Department of Applied mathematics and Information technologies
Applied statistics (Spring)		2				2	72	35.15	36.85			2						13	Department of Applied mathematics and Information technologies
Applied statistics (Autumn)		3				2	72	35.15	36.85			2						13	Department of Applied mathematics and Information technologies
Chemistry basis of modern technologies (Spring)		2				2	72	35.15	36.85			2						35	Department of Chemistry
Chemistry basis of modern technologies (Autumn)		3				2	72	35.15	36.85			2						35	Department of Chemistry
Chemistry of polymers (Spring)		2				2	72	35.15	36.85			2						35	Department of Chemistry
Chemistry of polymers (Autumn)		3				2	72	35.15	36.85			2						35	Department of Chemistry
Basics of engineering mechanics (Spring)		2				2	72	35.15	36.85			2						24	Department of Theory of mechanisms and machines and machine parts
Basics of engineering mechanics (Autumn)		3				2	72	35.15	36.85			2						24	Department of Theory of mechanisms and machines and machine parts
Applied nutritiology (Spring)		2				2	72	35.15	36.85			2						31	Department of Food products technology
Applied nutritiology (Autumn)		3				2	72	35.15	36.85			2						31	Department of Food products technology
Part formed by the educational process participants						81	2916	1539.9	959.1	417			7	21	19	22	12		
Vocational module	45566 67778 88	45566 7		4578		69	2484	1251.9	815.1	417			7	15	19	16	12		
Biological basis of fish farming	45			4		9	324	145.5	109	69.5			4	5				44	Department of Water bioresources and aquaculture
Methods of fisheries research	5	4		5		7	252	144.4	72.85	34.75			3	4				44	Department of Water bioresources and aquaculture
Histology and pathology of aquatic organisms	6	5				8	288	142.4	110.85	34.75				3	5			44	Department of Water bioresources and aquaculture
Infectious diseases in aquaculture	6	5				7	252	124.4	92.85	34.75				3	4			44	Department of Water bioresources and aquaculture
Environmental safety in fisheries	6					4	144	71.25	38	34.75					4			44	Department of Water bioresources and aquaculture
Aquaculture	7	6		7		8	288	162.4	90.85	34.75					3	5		44	Department of Water bioresources and aquaculture
Invasive diseases in aquaculture	7	6				7	252	124.4	92.85	34.75					3	4		44	Department of Water bioresources and aquaculture
Fisheries monitoring	7					4	144	71.25	38	34.75						4		44	Department of Water bioresources and aquaculture
Fundamentals of aquatic biological resources management	8	7				7	252	102.4	114.85	34.75						3	4	44	Department of Water bioresources and aquaculture
Technical support for aquaculture enterprises	8					4	144	80.25	29	34.75							4	44	Department of Water bioresources and aquaculture
Aquaculture plant design	8			8		4	144	83.25	26	34.75							4	44	Department of Water bioresources and aquaculture
Project module				57		12	432	288	144					6		6			
Project workshop 1				5		6	216	144	72					6					
Research track				5		6	216	144	72					6				86	Project center
Digital instruments				5		6	216	144	72					6				86	Project center
Technological track				5		6	216	144	72					6				86	Project center
Engineering track				5		6	216	144	72					6				86	Project center
Service track				5		6	216	144	72					6				86	Project center
Project workshop 2				7		6	216	144	72							6			
Research track				7		6	216	144	72							6		86	Project center
Digital instruments				7		6	216	144	72							6		86	Project center
Technological track				7		6	216	144	72							6		86	Project center
Engineering track				7		6	216	144	72							6		86	Project center
Service track				7		6	216	144	72							6		86	Project center
Graduation thesis as a start-up				78		6	216	144	72							3	3	86	Project center
Unit 2. Practical training						27	972	972				6		6		6		9	

Core part						27	972	972				6		6		6		9	
Academic training			24			12	432	432				6		6					
Introductory practice			2			6	216	216				6						44	Department of Water bioresources and aquaculture
Technological practice			4			6	216	216						6				44	Department of Water bioresources and aquaculture
Production practice			68			15	540	540								6		9	
Project module			6			6	216	216								6			
Technological practice			6			6	216	216								6		44	Department of Water bioresources and aquaculture
Pregraduation practice			8			9	324	324										9	44 Department of Water bioresources and aquaculture
Unit 3.State final examination						9	324			324								9	
Preparation for the defense procedure and defense of the final qualification work						9	324			324								9	44 Department of Water bioresources and aquaculture
Elective courses						6	216	105.45	110.55			4	2						
Elementary mathematics			2			2	72	35.15	36.85			2						13	Department of Applied mathematics and Information technologies
The historical role of Russia in the system of international relations			2			2	72	35.15	36.85			2						71	Department of History
The Great Patriotic War: no statute of limitations			3			2	72	35.15	36.85				2					71	Department of History
Complex modules							436	334	102										
Module "Basics of military training"			5				108	78	30										
Module "Basics of military training"			5				108	78	30										
Basics of military training (Autumn)			5				108	78	30										
Basics of military training (Spring)			6				108	78	30										
Module "Physical education and sport"																			
Practical training in PE and sport (elective course)			13				328	256	72									56	Department of PE