

To consider in the plan	Index	Name	Box/part	Form of control							number of credits		Total number of acad.hours							1st year		2nd Year		3rd Year		4th Year		Responsible academic department		
				Exam-ation	Credit	Graded test	Term project	Course work	Review work	Calculated graphic work	Expert	Fact	Expert	According to plan	Audition in 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	number of credits	number of credits	Code	Name
																			1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester				
<b>Box 1. Discipline (modules)</b>																														
<b>Mandatory part</b>																														
+	BL.0.01	Socio-humanitarian module	B1.O	135								11	11	396	396	146.4	90	132	117.6	4		4		3						
+	BL.0.01.01	History	B1.O	1								4	4	144	144	48.8	30	53	42.2	4							71	History		
+	BL.0.01.02	Philosophy	B1.O	3								4	4	144	144	48.8	30	53	42.2		4						72	Philosophy and cultural studies		
+	BL.0.01.03	Economics	B1.O	5								3	3	108	108	48.8	30	26	33.2				3				64	Economic theory		
+	BL.0.02	"Fundamentals of business communication"	B1.O	13	24							8	8	288	288	186.4	176	101.6	2	2	2	2								
+	BL.0.02.01	Foreign language	B1.O	13	24							8	8	288	288	186.4	176	101.6	2	2	2	2					73	Foreign languages		
+	BL.0.03	Module "Physical culture and sport"	B1.O	16								2	2	72	72	32.6	32	39.4	1					1						
+	BL.0.03.01	Basics of physical culture	B1.O	1								1	1	36	36	16.3	16	19.7	1								74	Physical culture		
+	BL.0.03.02	Physical self-improvement	B1.O	6								1	1	36	36	16.3	16	19.7					1				74	Physical culture		
+	BL.0.04	Physical and mathematical module	B1.O	223	12	12					12222	22	22	792	792	322.8	284	342.6	126.6	4	14	4								
+	BL.0.04.01	Mathematical analysis	B1.O	2	1						22	7	7	252	252	125.4	104	84.4	42.2	2	5							81	Calculus	
+	BL.0.04.02	Analytical geometry	B1.O			1						2	2	72	72	24.6	22	47.4		2							81	Calculus		
+	BL.0.04.03	Linear algebra and matrix theory	B1.O			2						2	2	72	72	24.6	22	47.4		2							81	Calculus		
+	BL.0.04.04	Integrals and differential equations	B1.O	2								4	4	144	144	50.8	46	51	42.2		4							81	Calculus	
+	BL.0.04.05	Physics	B1.O	3	2						23	7	7	252	252	97.4	90	112.4	42.2				3	4				83	Physics	
+	BL.0.05	Module "Safe conditions of vital activities"	B1.O	7								4	4	144	144	64.8	60	37	42.2							4				
+	BL.0.05.01	Life safety	B1.O	7								4	4	144	144	64.8	60	37	42.2							4		23	Life safety	
+	BL.0.06	General professional module	B1.O	12	1	34						12	16	576	576	287.4	268	213.2	75.4	7	3	3	3							
+	BL.0.06.01	Informatics	B1.O	1								5	5	180	180	78.8	74	59	42.2	5								53	Control systems and computer systems	
+	BL.0.06.02	Engineering graphics	B1.O	2	1						12	5	5	180	180	83.4	74	63.4	33.2	2	3							35	Engineering graphics	
+	BL.0.06.03	Electrical engineering	B1.O			4						3	3	108	108	62.6	60	45.4					3				45	Electrical engineering of ships and electric power industry		
+	BL.0.06.04	Electronics	B1.O			3						3	3	108	108	62.6	60	45.4					3				53	Control systems and computer systems		
+	BL.0.07	Professional module	B1.O	24455	5	13	5	245				32	32	1152	1152	477	406	459.8	217.2	3	4	3	7	10	5					
+	BL.0.07.01	Programming	B1.O	2	1							7	7	252	252	116.4	106	93.4	42.2	3	4							53	Control systems and computer systems	
+	BL.0.07.02	Computer engineering	B1.O	4	3							6	6	216	216	84.4	74	98.4	33.2			3	3					53	Control systems and computer systems	
+	BL.0.07.03	Operating system	B1.O	4	4							4	4	144	144	62.8	46	48	33.2				4					53	Control systems and computer systems	
+	BL.0.07.04	Data bases	B1.O	5	5			5				5	5	180	180	67.8	60	70	42.2					5				53	Control systems and computer systems	
+	BL.0.07.05	Networks and telecommunications	B1.O	5	5			5				5	5	180	180	68.8	60	78	33.2					5				53	Control systems and computer systems	
+	BL.0.07.06	Information protection	B1.O	6	6							5	5	180	180	76.8	60	70	33.2						5			53	Control systems and computer systems	
											97	97	3492	3492	1346	1346	1365	579	21	23	18	12	13	6	4					
<b>The part formed by the participants of educational relations</b>																														
+	BL.V.01	Social and humanitarian module (B)	B1.V	22278	1							12	12	432	432	211.6	184	220.4	2	6					2	2				
+	BL.V.01.01	Jurisprudence and law	B1.V	2								2	2	72	72	32.6	30	39.4			2							75	Social sciences, pedagogy and law	
+	BL.V.01.02	Economics and management of enterprise	B1.V	7								2	2	72	72	44.6	30	27.4										61	Production management	
+	BL.V.01.03	Economics and management of informatization of enterprises	B1.V	8								2	2	72	72	36.6	34	35.4								2	53	Control systems and computer systems		
+	BL.V.01.04	Basics of socio-cultural communication	B1.V	22	1							6	6	216	216	97.8	90	118.2	2	4										
+	BL.V.01.04.01	Sociology	B1.V			1						2	2	72	72	32.6	30	39.4			2							75	Social sciences, pedagogy and law	
+	BL.V.01.04.02	Cultural studies and intercultural communication	B1.V	2								2	2	72	72	32.6	30	39.4			2							72	Philosophy and cultural studies	
+	BL.V.01.04.03	Psychology of communication	B1.V	2								2	2	72	72	32.6	30	39.4			2							75	Social sciences, pedagogy and law	
+	BL.V.02	Module "Fundamentals of business communication"	B1.V	1								2	2	72	72	32.6	30	39.4	2											
+	BL.V.02.01	Russian language and culture of speech	B1.V	1								2	2	72	72	32.6	30	39.4	2									76	Russian language	
+	BL.V.03	Physical and mathematical module (B)	B1.V	33	44	3	3					14	14	504	504	225.8	182	211.8	66.4			7	7							
+	BL.V.03.01	Probability theory and mathematical statistics	B1.V	3								3	3	108	108	48.8	30	26	33.2				3					81	Calculus	
+	BL.V.03.02	Discrete mathematics	B1.V	3				3				4	4	144	144	67.8	60	43	33.2									53	Control systems and computer systems	
+	BL.V.03.03	Mathematical and simulation modeling	B1.V			4						4	4	144	144	48.6	46	95.4					4					53	Control systems and computer systems	
+	BL.V.03.04	Research methods	B1.V			4						3	3	108	108	60.6	46	47.4					3					53	Control systems and computer systems	
+	BL.V.04	Module "Safe conditions of vital activities" (B)	B1.V	5	5							2	2	72	72	46.6	30	25.4	2				2							
+	BL.V.04.01	Ecology	B1.V	5	5							2	2	72	72	46.6	30	25.4	2				2					11	Ichthyology and ecology	
+	BL.V.05	General professional module (In)	B1.V	14466	356			4				25	25	900	900	390.8	344	325.2	184	3		2	8	3	9					
+	BL.V.05.01	Introduction into a profession	B1.V	1								3	3	108	108	46.8	30	28	33.2	3								53	Control systems and computer systems	
+	BL.V.05.02	Mathematical logic and theory of algorithms	B1.V	4								4	4	144	144	64.8	60	46	33.2									53	Control systems and computer systems	
+	BL.V.05.03	High-level programming technologies	B1.V	4	3			4				6	6	216	216	84.4	74	89.4	42.2			2	4					53	Control systems and computer systems	
+	BL.V.05.04	Circuit technique	B1.V	6	5							6	6	216	216	97.4	90	85.4	33.2				3	3				53	Control systems and computer systems	
+	BL.V.05.05	Metrology, standardization and certification	B1.V	6								4	4	144	144	64.8	60	37	42.2									51	Automation of productions	
+	BL.V.05.06	Project management	B1.V	6	6							2	2	72	72	32.6	30	39.4										63	Economics of agriculture and fishery	
+	BL.V.06	General professional module (B)	B1.V	56677	5	6	5677					27	27	972	972	422.6	330	374.4	175				7	11	9					

