

To consider in the plan	Index	Name	Form of control								number of credits			Total number of acad.hours								Responsible academic department								
			Exam	Credit	Graded test	Term project	Course work	Review work	Calculated graphic work	Expert	Fact	Expert	According to plan	Auditorium hours	AUD.	Solo work	Review work	1st semester	2nd semester	3rd semester	4th semester	5th semester	6th semester	7th semester	8th semester	Code	Name			
Box 1.Discipline (modules)																														
Mandatory part																														
+	BL.01.01	Socio-humanitarian module	135	2266	1							21	21	756	756	335.4	240	303	117.6	6	4	4		3	4					
	BL.01.01.01	History	1									4	4	144	144	48.8	30	53	42.2	4							71	History		
+	BL.01.01.02	Philosophy	3									4	4	144	144	48.8	30	53	42.2			4					72	Philosophy and cultural studies		
+	BL.01.01.03	Economics	5									3	3	108	108	48.8	30	26	33.2				3				64	Economic theory		
+	BL.01.01.04	Jurisprudence	6									2	2	72	72	32.6	30	39.4					2				75	Social sciences, pedagogy and law		
+	BL.01.01.05	Basics of socio-cultural communication	22	1								6	6	216	216	111.8	90	104.2	2	4							72	Philosophy and cultural studies		
+	BL.01.01.01.01	Sociology	2		1							2	2	72	72	46.6	30	25.4	2								75	Social sciences, pedagogy and law		
+	BL.01.01.01.02	Cultural studies and intercultural communication	2									2	2	72	72	32.6	30	39.4			2						72	Philosophy and cultural studies		
+	BL.01.01.01.03	Psychology of communication	2									2	2	72	72	32.6	30	39.4			2						75	Social sciences, pedagogy and law		
+	BL.01.01.01.06	Economics and management of enterprise	6									2	2	72	72	44.6	30	27.4				2					61	Production management		
+	BL.01.02	Module "Fundamentals of business communication"	113	24								10	10	360	360	219	206	141	4	2	2	2								
+	BL.01.02.01	Russian language and culture of speech	1									2	2	72	72	32.6	30	39.4										76	Russian language	
+	BL.01.02.02	Foreign language	13	24								8	8	288	288	186.4	176	101.6	2	2	2	2						73	Foreign languages	
+	BL.01.03	Physical culture and sport	16									2	2	72	72	32.6	32	39.4	1				1							
+	BL.01.03.01	Basics of physical culture	1									1	1	36	36	16.3	16	19.7										74	Physical culture	
+	BL.01.03.02	Physical self-improvement	6									1	1	36	36	16.3	16	19.7					1					74	Physical culture	
+	BL.01.04	Physical and mathematical module	11222 334	1124				1223				12	12	42	42	1512	1512	688.8	602	503.6	319.6	12	15	8	7					
+	BL.01.04.01	Mathematics	1223	1				1223				17	17	612	612	285.8	226	175.4	150.8	6	8	3								
+	BL.01.04.01.01	Algebra and geometry	1					1				4	4	144	144	62.8	44	39	42.2	4								81	Calculus	
+	BL.01.04.01.02	Mathematical analysis	2	1			22					7	7	252	252	109.4	90	100.4	42.2	2	5							81	Calculus	
+	BL.01.04.01.03	Numerical methods	2									3	3	108	108	50.8	46	24	33.2			3						81	Calculus	
+	BL.01.04.01.04	Probability theory and mathematical statistics	3					3				3	3	108	108	62.8	46	12	33.2			3						81	Calculus	
+	BL.01.04.02	Informatics	2	1								6	6	216	216	97.4	90	76.4	42.2	2	4							82	Computer science and information technology	
+	BL.01.04.03	Chemistry	1									4	4	144	144	64.8	60	37	42.2	4								84	Chemistry	
+	BL.01.04.04	Physics	3	2								8	8	288	288	127.4	120	118.4	42.2		3	5						83	Physics	
+	BL.01.04.05	Mathematical modeling	4	4								3	3	108	108	48.6	46	59.4					3					82	Computer science and information technology	
+	BL.01.04.06	Research methods	4									4	4	144	144	64.8	60	37	42.2				4					51	Automation of productions	
+	BL.01.05	General professional module	22344 68	1138			234					12	34	34	1224	1224	523	488	450.6	250.4	4	7	6	8			5			
+	BL.01.05.01	Engineering graphics and computer graphics	2	1				12	5			5	5	180	180	83.4	74	63.4	33.2	2	3							35	Engineering graphics	
+	BL.01.05.02	Materials engineering	2	1		2						6	6	216	216	100.4	90	82.4	33.2	2	4							52	Computer-aided machine building	
+	BL.01.05.03	Electrical engineering	3			3						4	4	144	144	67.8	60	43	33.2			4						45	Electrical equipment of ships and electric power industry	
+	BL.01.05.04	Electronics	4	4		4						4	4	144	144	37.8	30	73	33.2			4						51	Automation of productions	
+	BL.01.05.05	Technical mechanics	4	3								6	6	216	216	83.4	76	90.4	42.2			2	4					34	Theory of mechanisms and machines, machine parts	
+	BL.01.05.06	Metrology, standardization and certification	6									4	4	144	144	64.8	60	37	42.2				4					51	Automation of productions	
+	BL.01.05.07	Quality management	8									3	3	108	108	48.8	44	26	33.2								3	51	Automation of productions	
+	BL.01.05.08	Fundamentals of scientific and pedagogical activity	8									2	2	72	72	36.6	34	35.4								2		51	Automation of productions	
+	BL.01.06	Module "Safe conditions of vital activities"	7	5								6	6	216	216	111.4	90	62.4	42.2				2				4			
+	BL.01.06.01	Ecology and environmental management	5									2	2	72	72	46.6	30	25.4					2					11	Ichthyology and ecology	
+	BL.01.06.02	Life safety	7									4	4	144	144	64.8	60	37	42.2							4		23	Life safety	
												115	115	4140	4140	1910.2	1638	1200	729.8	27	28	20	17	5	9	4	5			
The part formed by the participants of educational relations																														
+	BL.V. 01	General professional module (En)	445	33345 5	1		5					30	30	1080	1080	461.6	402	500.8	117.6	2		8	10	10						
+	BL.V. 01.01	Introduction into a profession			1							2	2	72	72	44.6	30	27.4			2							51	Automation of productions	
+	BL.V. 01.02	Information technologies in professional activity	3									3	3	108	108	46.6	44	61.4				3						82	Computer science and information technology	
+	BL.V. 01.03	Discrete mathematics	3									3	3	108	108	44.6	30	63.4				3							81	Calculus
+	BL.V. 01.04	Computers, systems and networks	4	3								6	6	216	216	81.4	74	92.4	42.2			2	4					53	Control systems and computer systems	
+	BL.V. 01.05	Workshop on electronics	4	4								2	2	72	72	32.6	30	39.4					2					51	Automation of productions	
+	BL.V. 01.06	Thermal engineering	4	4								4	4	144	144	48.8	44	62	33.2			4						44	Marine power plants and heat power engineering	
+	BL.V. 01.07	Hydraulics	5									3	3	108	108	48.6	46	59.4					3					93	Water resources and water use	
+	BL.V. 01.08	Fundamentals of engineering design	5									2	2	72	72	46.6	44	25.4					2					51	Automation of productions	
+	BL.V. 01.09	Technical measurements and instruments	5			5						5	5	180	180	67.8	60	70	42.2				5					51	Automation of productions	
+	BL.V. 02	Professional module (B)	5677	35506 77778			5677					40	40	1440	1440	691	614	583	166				9	8	21	2				
+	BL.V. 02.01	Technological processes of automated production (TPAP)	5			5						3	3	108	108	37.8	30	37	33.2				3					32	Food refrigerating machines	
+	BL.V. 02.02	Workshop on TPAP	5									2	2	72	72	46.6	44	25.4					2					32	Food refrigerating machines	
+	BL.V. 02.03	Theory of automatic control (TAC)	6	5		6						5	5	180	180	70.4	60	76.4	33.2			2	3					51	Automation of productions	
+	BL.V. 02.04	Workshop on TAC	5	56								5	5	180	180	95.2	90	84.8					2	3				51	Automation of productions	
+	BL.V. 02.05	Software development for automation and control of technological processes	7			7						3	3	108	108	37.8	30	3												

